

AIA Wisconsin  
July/August 1996

# W I S C O N S I N

## *Architect*

1996 Design Awards

Parti'96/AIA Wisconsin  
Convention

3D Technology

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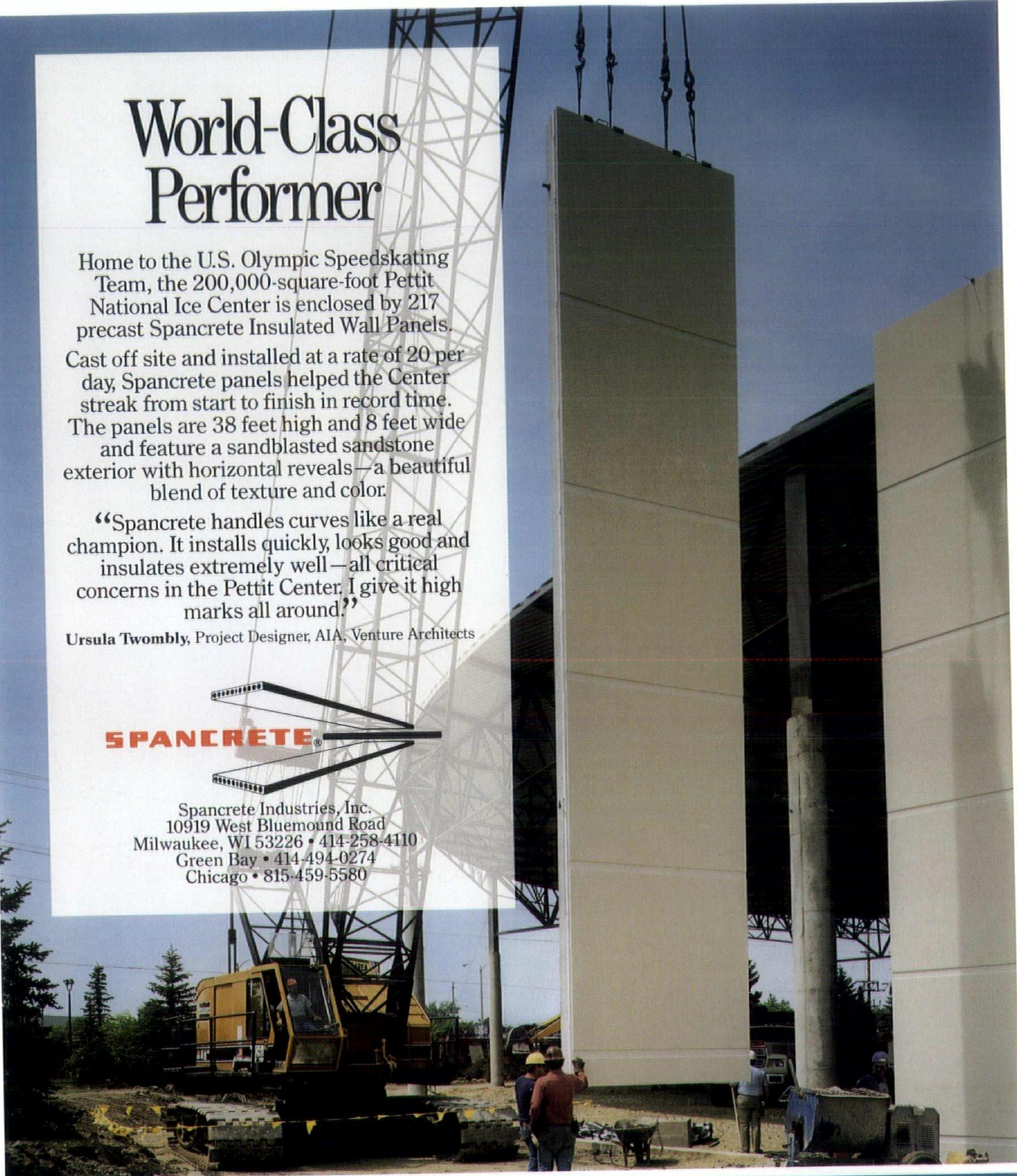
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July/August 1996

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### Honor Awards

- 16 Betty Brinn Children's Museum  
*Kahler Slater*
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*Strang, Inc.*
- 20 Federal Courthouse Renovation  
*Plunkett Raysich Architects*
- 24 Knickerbocker Place  
*Kubala Washatko Architects*
- 26 Summerfest North Entrance  
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*Arnold & O'Sheridan, Inc.*

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Cover: Betty Brinn Children's Museum

Architect: *Kahler Slater*

Photography: HNK Architectural Photography, Inc.



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**WISCONSIN ARCHITECT** (ISSN 1083-9178) serves the design and construction industry in Wisconsin with circulation to Architects, Engineers, General Contractors, Business and Interior Designers, Landscape Architects, Certified Planners, Developers, Specifiers, Construction Managers, Facilities Managers, Builders, Manufacturers and Suppliers. Wisconsin Architect is the official publication of AIA Wisconsin, A Society of The American Institute of Architects, and is published by Wisconsin Architect, Inc. Address all editorial and advertising inquiries to: Editor, Wisconsin Architect, 321 S. Hamilton St., Madison, WI 53703; phone 608/257-8477. Wisconsin Architect and AIA Wisconsin disclaim liability for statements by the editors, contributors and advertisers.



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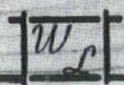
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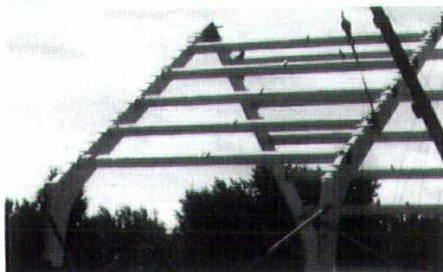
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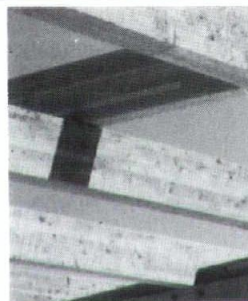
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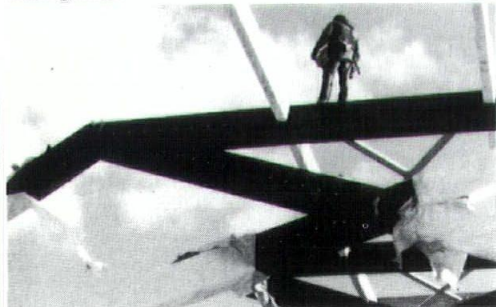
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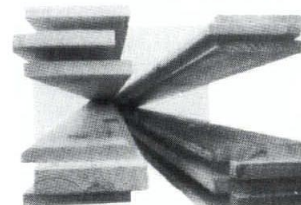
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This issue of Wisconsin Architect features ten building projects selected to receive 1996 AIA Wisconsin Design Awards. A total of 76 projects were

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*"I'm pleased with the  
high level of quality  
design. . ."*

---

submitted. The projects spanned a wide range from residential to a museum and a technology center.

The distinguished 1996 awards jury included Norma Burns, FAIA, of Burns Kiefer Associates, Raleigh; John Clancy, FAIA, of Goody, Clancy & Associates, Boston; and Frederick Phillips, FAIA, of Frederick Phillips & Associates, Chicago. Norma Burns commented, "I am very pleased with the high level of quality design in Wisconsin."

This year's jury was impressed with the broad range of building types and design styles. The jury agreed that for the award-winning projects, the design was driven by an essential concept and resolved in the most thoughtful and sometimes ingenious, certainly practical, functional and beautiful way.

Congratulations to all of the entrants! As Wisconsin architects, we should feel proud to have such excellent Wisconsin architecture.

James G. Rasche, AIA  
Katherine Schnuck, AIA  
Co-Chairs, Design Awards Committee



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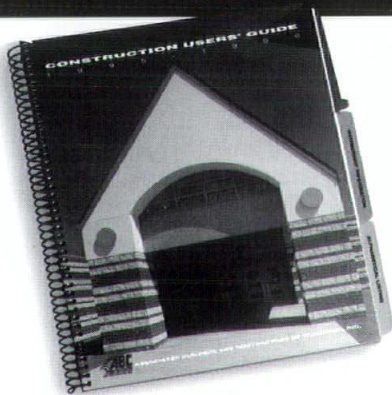
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# Parti'96

The 1996 AIA Wisconsin Convention & Expo, **Parti'96**, helped to unlock members' creativity and imagination.

Held on May 21 & 22, **Parti'96** challenged attendees and provided valuable information to enhance their ability to design, draw, think, communicate and practice within the multi-disciplinary profession of Architecture.

Enlightening and entertaining, the featured keynote speakers John and Katie Olson and Michael Mills, AIA, shared their practical experience on extraordinary projects.

The professional development seminars proved to be an excellent source of information, focusing on the three main categories: creativity, vision and growth. Seminar topics included design, computer visualization and animation, healthy buildings, risks & profits and model building codes.

In the trade center, Wisconsin's leading suppliers of design and construction industry products and services displayed everything imaginable to aid members in enhancing productivity, creativity and profitability. Exhibitor-sponsored "mini-seminars" allowed architects and allied professionals to gather the latest information on new technologies.

AIA members also earned valuable learning units (LUs) as a part of the AIA Continuing Education System. A total of 220 AIA Wisconsin members earned an average of 11 LUs each by participating in Convention programs.

The Parti'96 Convention Committee, chaired by Jeff Neidorfler, AIA, did an outstanding job using their imagination to formulate this visionary Convention through informative and entertaining speakers and special events. The following individuals contributed their time and imagination: Diane Chamness, Bob Corbett,

AIA, Melissa Destree, Assoc. AIA, Jim Gersich, AIA, Cliff Goodhart, AIA, Mike Healy, AIA, Bill Herbert, AIA, Rick Johnson, AIA, Renee Kubesh, AIA, Gretchen Pfaehler, Assoc. AIA, Bill Rattunde, AIA, Lynda Salisbury, Carl Scott, AIA, Bob Torkelson, AIA and Carol Williamson.

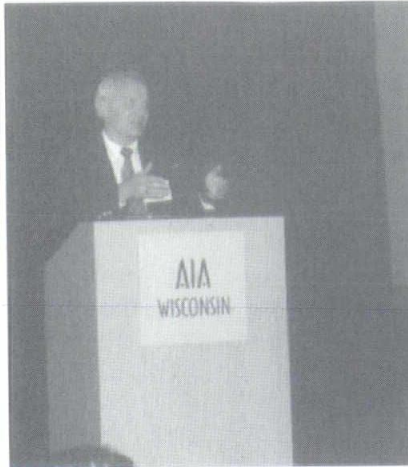
The following Convention sponsors and their generous support made the special programs of **Parti'96** possible:

- C.G. Schmidt, Inc.  
*Featured keynote address by John and Katie Olson of Walt Disney Imagineering.*
- Wisconsin Concrete Masonry Association  
*"Excellence in Masonry" awards breakfast*
- Cobb Strecker Dunphy & Zimmermann, Inc.  
*Design Awards Reception*
- Techline Madison  
*Registration Desk*
- Giles Engineering Associates, Inc.  
*Preservation Breakfast*
- DPIC/Mortenson Matzelle & Meldrum  
*Claims Case Study Workshop*
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*Door Prizes*

Convention Committee members collected the following images of **Parti'96**.

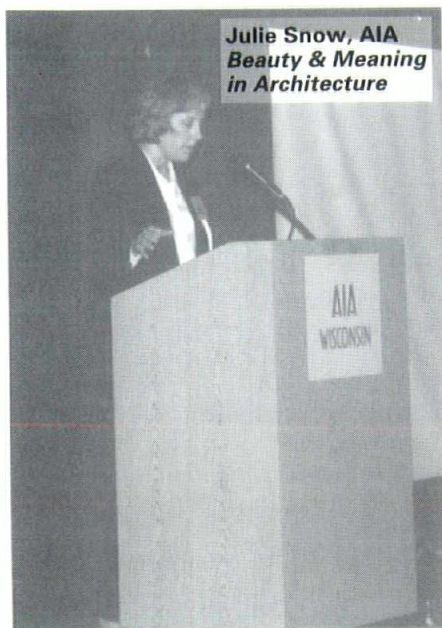




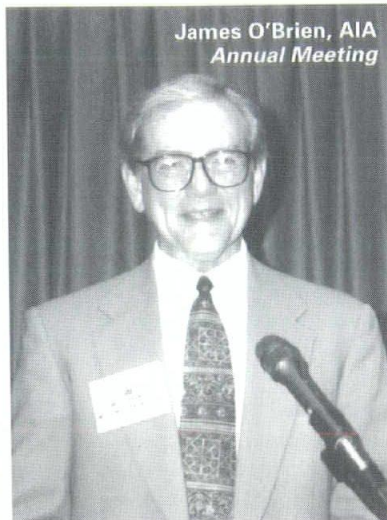


## Keynote Speakers

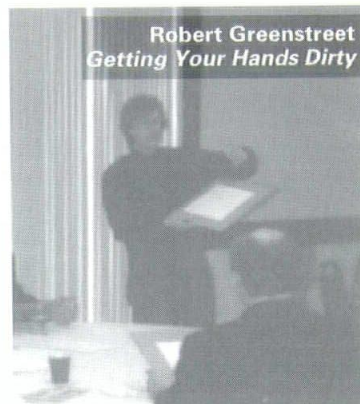
John and Katie Olson (left) presented an informative seminar on *Common Materials & Uncommon Projects* in addition to a keynote address, *Making Your Design Dreams Come True*. Michael J. Mills, AIA, (right) delivered a keynote address on *Creative Technologies*.



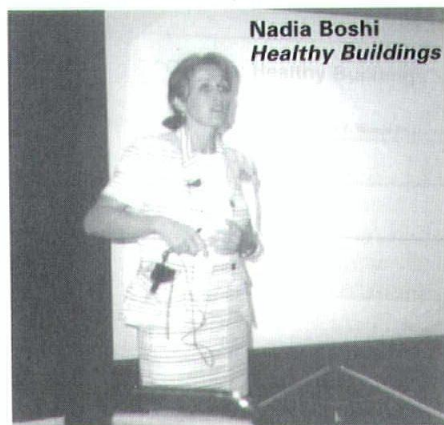
**Julie Snow, AIA**  
*Beauty & Meaning  
in Architecture*



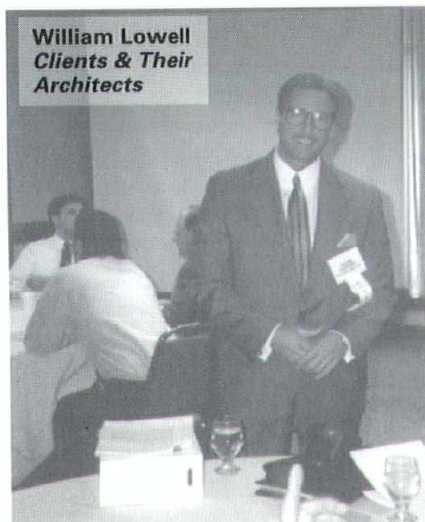
**James O'Brien, AIA**  
*Annual Meeting*



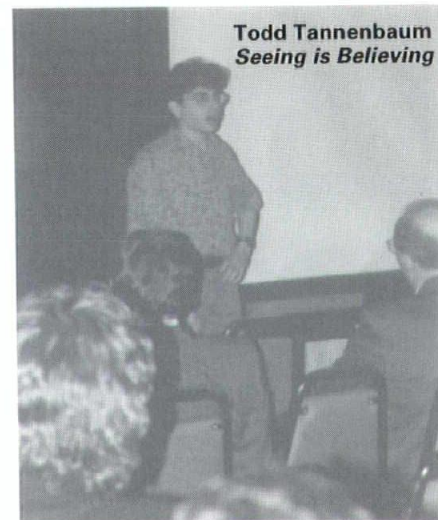
**Robert Greenstreet**  
*Getting Your Hands Dirty*



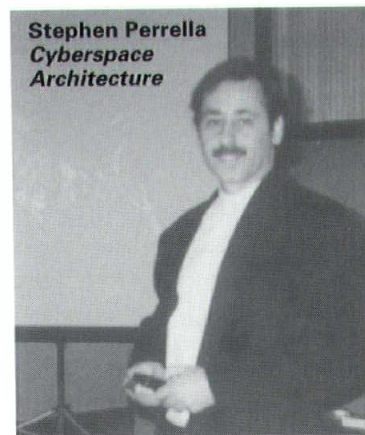
**Nadia Boshi**  
*Healthy Buildings*



**William Lowell**  
*Clients & Their  
Architects*



**Todd Tannenbaum**  
*Seeing is Believing*



**Stephen Perrella**  
*Cyberspace  
Architecture*

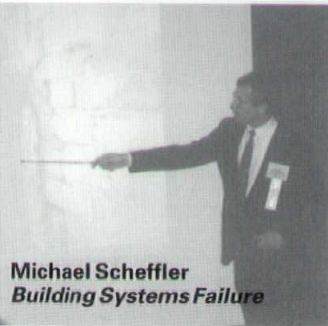
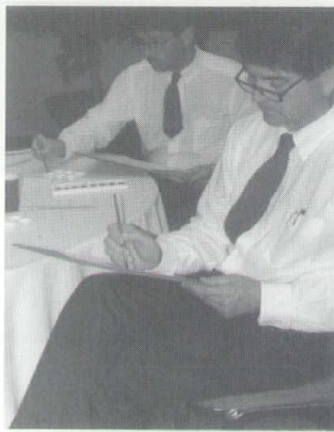
**"Outstanding presentations! There was a good variety of programs."**

**—AIA Member**





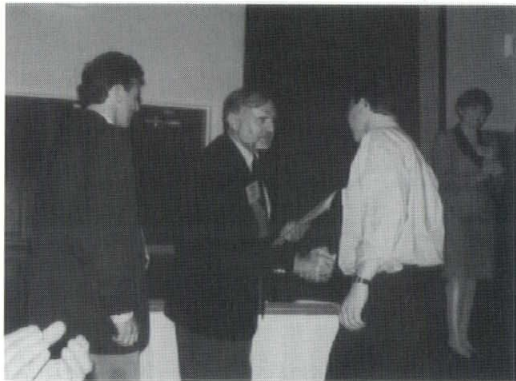
*Earth to Modesto...*



**Michael Scheffler**  
*Building Systems Failure*



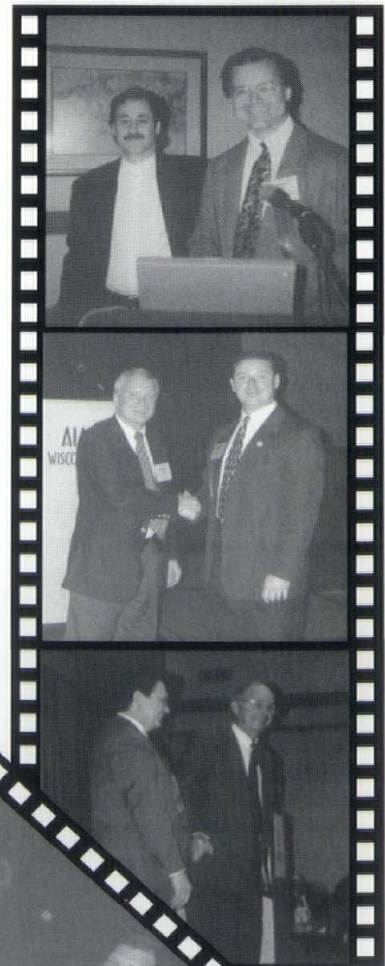
**Katherine A. Schnuck, AIA**  
**James Rasche, AIA**  
*Design Awards*



**"I found the technical  
and design seminars  
very useful."  
—AIA Member**

above: Horst W. Lobe, AIA, 1996 AIA Wisconsin 1996 President, had the honor of presenting the awards at this year's Design Awards Reception.

below: Lobe also presented a Citation for Distinguished Service to Mary K. Rouse, Dean of Students at UW - Madison, for her efforts on behalf of the preservation of the Red Gym and Armory. Jack Waite, FAIA, (on the left) spoke at the Preservation Breakfast.





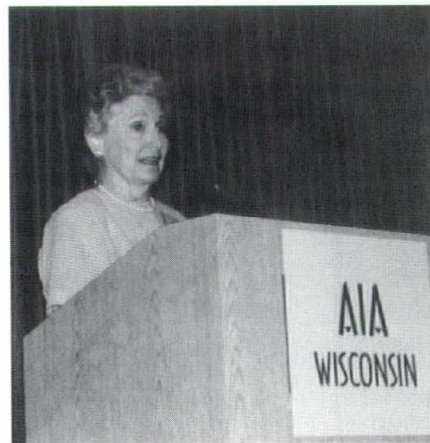
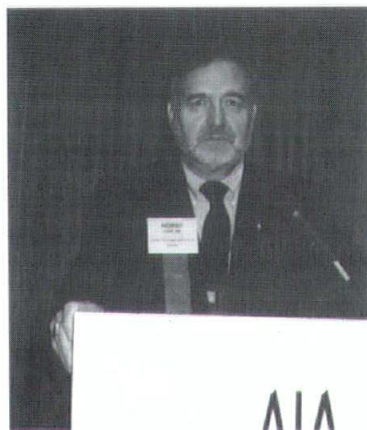


**"The mini-seminars were informative; and I enjoy being able to tour the Expo and discuss product applications and services with vendors."**

**—AIA Member**



## Golden Award



Jynx Smith accepted the 1996 AIA Wisconsin Golden Award on behalf of her late husband Douglas H. Smith, AIA. He was recognized for his significant contributions to the architectural profession and his support of young architects.

far left: A. James Gersich, AIA, AIA Wisconsin Vice President, received a "hands-on" lesson on international communication from featured speaker Roger Axtel.



# Parti'96 Exhibitors

**Parti'96** would not have been possible without the support of the exhibitors, participating in the Building Products Expo. AIA Wisconsin extends its thanks to the following companies for their significant contribution to the success of this year's Convention.

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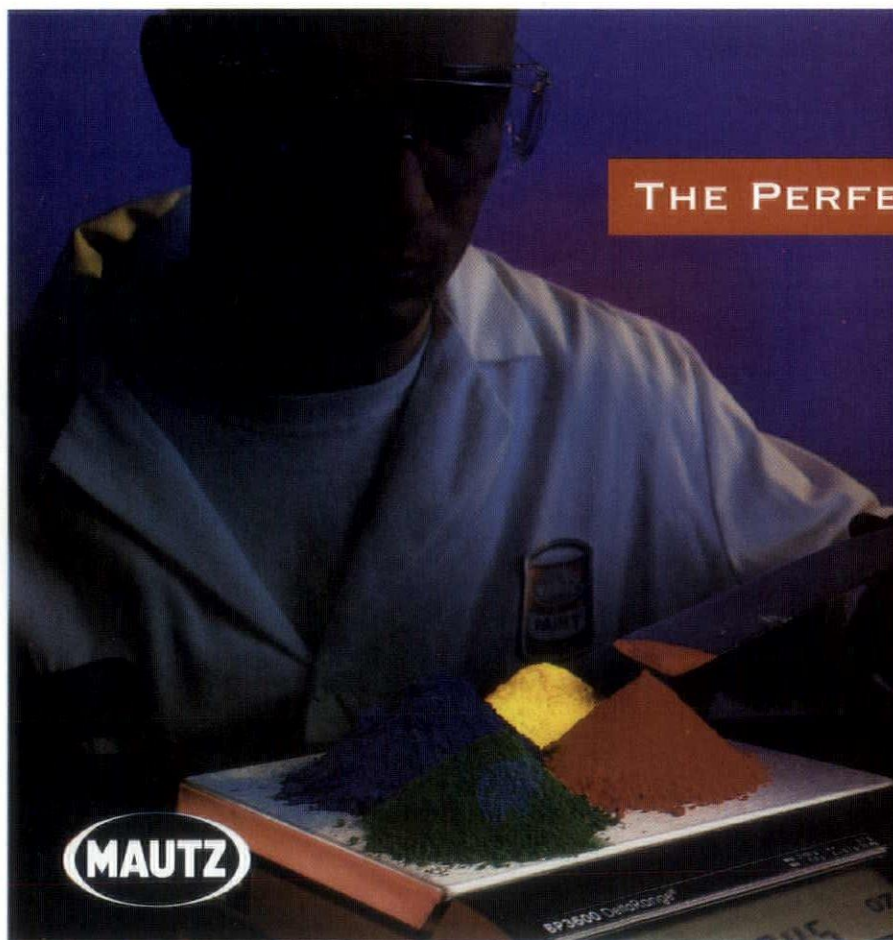
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# Honor

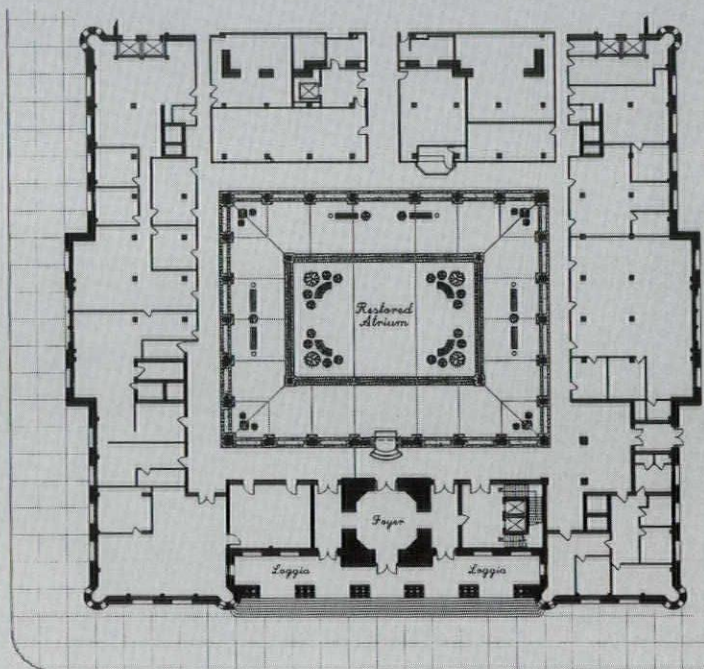
## Jury Comment

This historic building was beautifully restored. It doesn't appear that they have taken anything away from the building. The architect has discovered what was there.

*Since its opening in the 1890s, the historic Federal Courthouse underwent a number of remodelings which left the building with an unattractive, imposing interior. Faced with an expanded court system and the departure of the post office functions, the building required a solution that accommodated changing usage and modern codes. The imposing first floor perimeter walls and secondary skylight were removed to allow visitors entering the building to see directly into the large, bright and now inviting atrium. Marble column surrounds and decorative wood arches replaced the walls.*

*The project entailed restoring the building to its historic 1892 condition and included the discovery and reproduction of paint details, mosaic floor patterns, railing details and fixtures in the atrium area. Federal courtrooms, justice department offices and Secret Service areas also were renovated in consultation with the State Historical Society of Wisconsin and federal historic preservation guidelines.*

*Photography: Edward Purcell*







**Project**

*Federal Courthouse Renovation*

**Architect**

*Plunkett Raysich Architects*

**General Contractor**

*Marino Construction*

**City**

*Milwaukee, Wisconsin*





While so many of these corporate industrial office park projects all use the same design vocabulary, this one used it more successfully. There seemed to be a hierarchy that was established so that the variance of materials seemed to fit with the overall architecture.

# Honor

*The new BioPharmaceutical Technology Center was designed for two rapidly expanding pharmaceutical research and manufacturing companies as an education/training facility.*

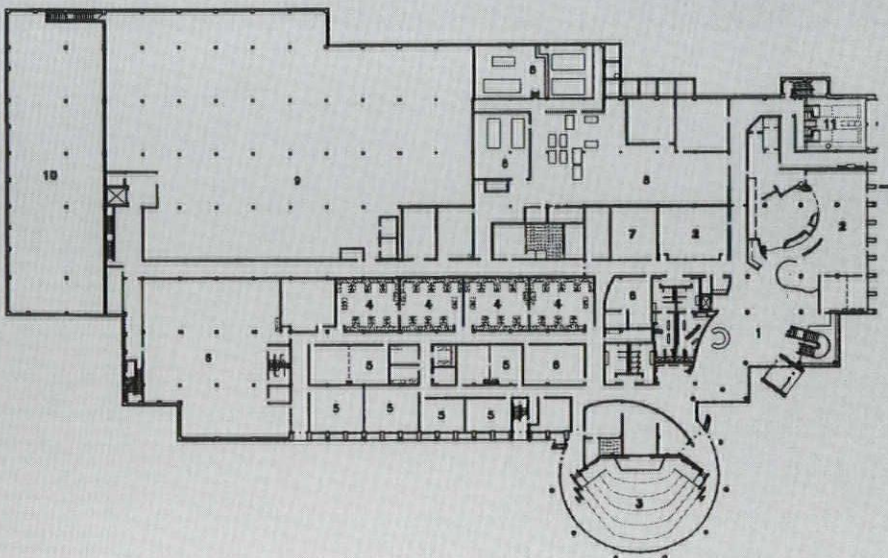
*One of the major design challenges was to achieve a sense of scale. The building massing was broken down into a number of distinct design elements, including glass-enclosed entrance lobbies at both the east and west ends of the building and a main "body" of the building expressed as a brick mass with repetitive window openings.*

*Building elements have been linked together in either color, texture or pattern. The interior design blurs the line between outside and inside by bringing exterior elements of the building inside with material and color selection. An angled entry vestibule sets the stage for the carpet which was installed at an angle. The carpet is custom made to match the design and colors used in the concrete walkway outside. Carpet transitions occur in unexpected areas; not at walls.*

*The building has specialized laboratories for various production and research needs arranged along corridors with offices outside. Comfortable seating arrangements between groups of open offices provide interaction areas for scientists. The structure also includes a 300-seat auditorium and a warm and inviting cafeteria/dining room.*

*This project successfully combines aesthetic appeal and functionality. The high tech nature of the company is evident, but does not override the intent to blend the building with the surrounding prairie.*

*Photography: Paskus Photographers*







**Project**

*BioPharmaceutical  
Technology Center*

**Architect**

*Strang, Inc.*

**General Contractor**

*Kraemer Brothers, Inc.*

**City**

*Madison, Wisconsin*





# Honor

## Jury Comment

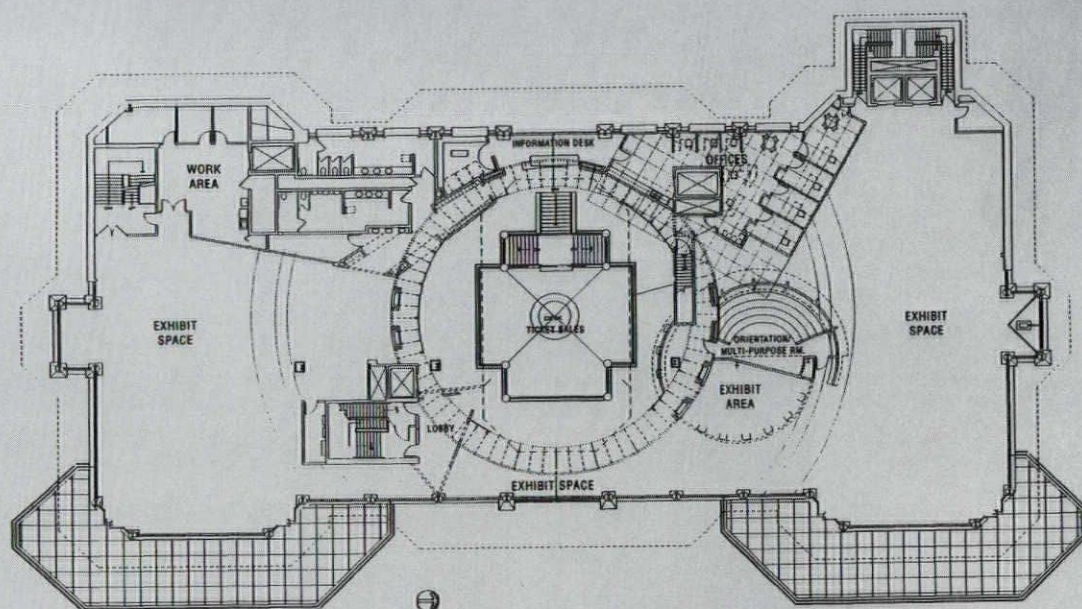
We were really happy when we came across this project. Its siting is interesting; and it has a lot of variety without being chaotic. It is so dynamic. Very well resolved and very intriguing. We can just imagine the wonderful experience it must be for the children.

*The Betty Brinn Children's Museum represents the efforts of a community to establish a civic program objective and to achieve it in architectural form. The overall strategy for the design of this project was the establishment of architectural gestures which would give this undifferentiated space a sense of public scale, yet remain sensitive to the scale needs of its primary users, the children of Milwaukee.*

*The design for this 30,000 square foot children's museum employs materials and lighting in a unique way to create a stimulating environment for children. It consists of exhibition space, performance space and administrative offices. The exhibition area is broken down into temporary spaces for exhibits that are scheduled to stand for two to three years.*

*The location in the Miller Pavilion on Milwaukee's downtown lakefront created the stipulation that the design of the museum could not modify the existing structure in any substantial way. A strong circulation ring, centered on the existing building footprint circumscribes a double-height space which already existed in the center of the building. The ring allows the development of the major exhibition spaces to the north and south on the second floor.*

*Photography: HNK Architectural Photography, Inc.*







**Project**

*Betty Brinn Children's Museum*

**Architect**

*Kahler Slater*

**General Contractor**

*J.H. Findorff & Son, Inc.*

**City**

*Milwaukee, Wisconsin*







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## Grand Champion

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"Congratulations to this year's Exhibit Booth Award Winners! The selection was very difficult because of all of the excellent displays of products and services."

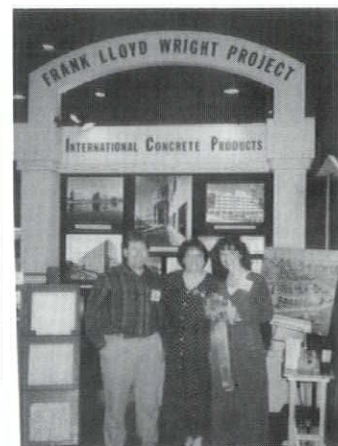
—Jeff Neidorfler, AIA  
Convention Committee Chairperson



Second Place (left)  
Bend Industries, Inc.

Third Place (right)  
Wood-Lam, Inc.

Honorable Mention  
(l-r)  
Best Block Company  
Techline Madison  
International  
Concrete Products  
Visa Lighting  
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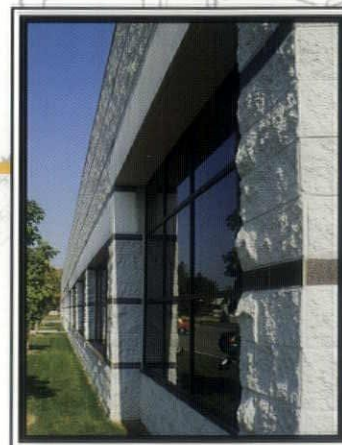
# MASONRY INSIGHTS

1996 VOLUME 2



1996 EXCELLENCE IN MASONRY  
**BEST OF SHOW AWARD**

BRIORN LEASING COMPANY  
BUILDING I  
PEWAUKEE, WI



**WCMA**

WISCONSIN CONCRETE MASONRY ASSOCIATION



# BRIOHN LEASING COMPANY

## PEWAUKEE, WI

ARCHITECT: THE ZIMMERMAN DESIGN GROUP

GENERAL CONTRACTOR: BRIOHN BUILDING CORPORATION

MASON CONTRACTOR: MARRIOTT CONSTRUCTION

CMU PRODUCER: BEST BLOCK COMPANY



The tactful horizontal accents are expressed with a non-massive 4 inch smooth band and the column lines are underscored with subtle brick accents. Foregoing outspoken extravagance, the design not only offered a gesture of culture to a multi-tenant building but economy to the owner's budget as well. 12,800 Best Stone, 7,000 regular, and 1/2 high course regular concrete masonry units comprise this single wythe masonry construction.

### Judges' Comments:

"The BRIOHN BUILDING has proportional qualities throughout and the simple steps taken to enhance its appearance add so much character."

"The vertically drawn step-outs and the horizontal bands, broken by color, and the white lentels, appear to lessen the overall length of the building. Stepping and recesses provide for a variety of expressions throughout its mass."

"The flat facade keeps interest through employment of interesting details. The building denotes a strong, anchored appearance yet offers a personality, a character that exudes its individuality."

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## MASONRY TRAINING UPDATE



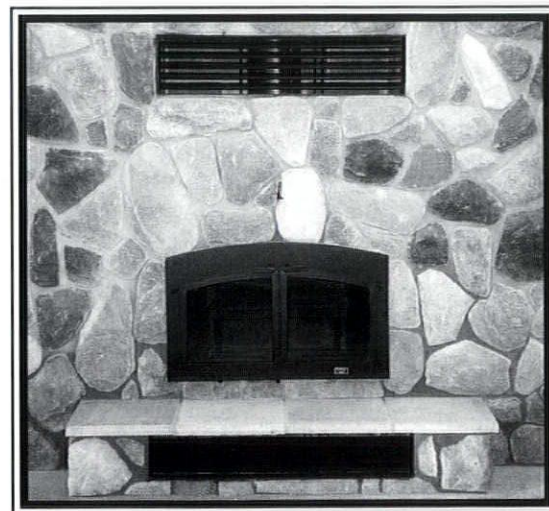
he third class of WITC Masonry students graduated on May 15, 1996. What an exciting year it was!

The class started with thirteen students in August 1995. One student dropped after first semester for personal reasons and eleven of the remaining twelve graduated. Six of the students went to work immediately after graduating.

The recruitment and promotion that everyone is doing out in the field is really starting to pay dividends. Two of the recent graduates heard about the Masonry program from their high school instructors who had attended the Stout summer program. Five of the students registered for the fall of 1996 are coming from high schools that have had teachers attend the Stout program.

I was invited to be a guest speaker at the "New '96 Brick Show" in Phoenix, Arizona, which was held April 1-4.

My topic was "Successful Masonry Training." There was a lot of interest in how the Masonry program became so successful. Quite simply, it



*A successful student project!*



## FROM THE PRESIDENT



ello and Welcome!

As I write this, my first President's column, I reflect back on the first half of 1996. Our Past-President, Bob Goldman, retired from office in February. On behalf of the Board and WCMA membership, Thank you, Bob, for your time, leadership and for the great shape of the association.

We helped to delay the new Energy Code's effective date so our customers could implement the new Code. In response to the Code, several seminars were held around the state to highlight the advantages of concrete masonry as a building product.

WCMA supported the new Multifamily Dwelling Code when it came up for review before the Legislature. We will continue to shape and direct the Code through the Review Counsel and Legislature.

At the Spring Business Meeting in Eau Claire, we discussed the need for more masons and what the Wisconsin Indianhead Technical College in Rice Lake was experiencing. The membership also looked at other ways to bring more people into the masonry trade. Thanks to all who attended.

The annual AIA-Wisconsin convention, held in May, was a great success for our organization. Our association's booth was well visited (thanks to Bill Gault). Excellence In Masonry's Award Breakfast had the highest turnout ever.

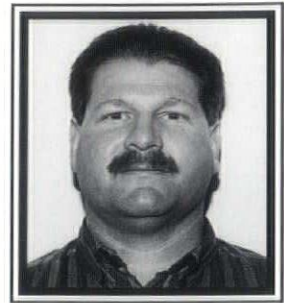
The Awards Breakfast has now become part of the regular program at the convention and is well received by the architectural community and our peers. Special thanks to Kerry VonDross, without whom this program would not be possible, Dave Jenkyns, who brings our ideas to life, and Mark Tummett and Paul Wank for their participation in the awards ceremony.

If you have questions or comments, please feel free to contact me at (414) 275-0667.

May the remainder of 1996 be profitable and rewarding for one and all.

Best regards,

Curt A. Bauer  
President, WCMA



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### MASONRY TRAINING UPDATE *continued*

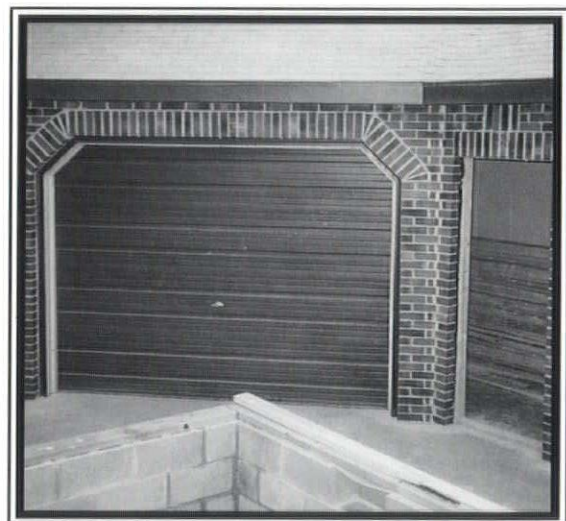
comes down to Promote, Recruit, and Support (\$\$).

We ended the school year by building a new outdoor display area for County Concrete in Eau Claire. The students built thirteen 8-foot long panels using architectural concrete block and then veneered the other side using real stone and cultured stone. The students finished the area by building retaining walls and laying over 20,000 brick and concrete pavers to complete the display.

We currently have twenty students registered for the fall of 1996. Fourteen have been accepted and the others are on a waiting list. Six of the fourteen are from outside the WITC district--Monroe, Neenah, Plainfield, Wausau, Strum, and Wisconsin Rapids.

It's obvious the promotion and recruitment are paying off. Keep up the good work!

Todd Larson  
Masonry Instructor



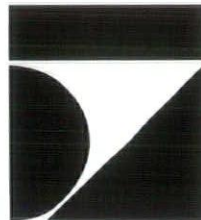
*Masonry skills in action!*



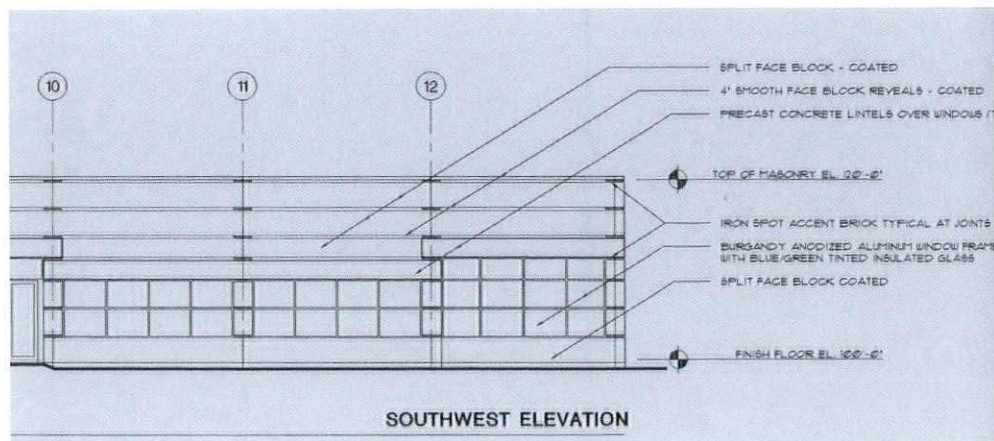
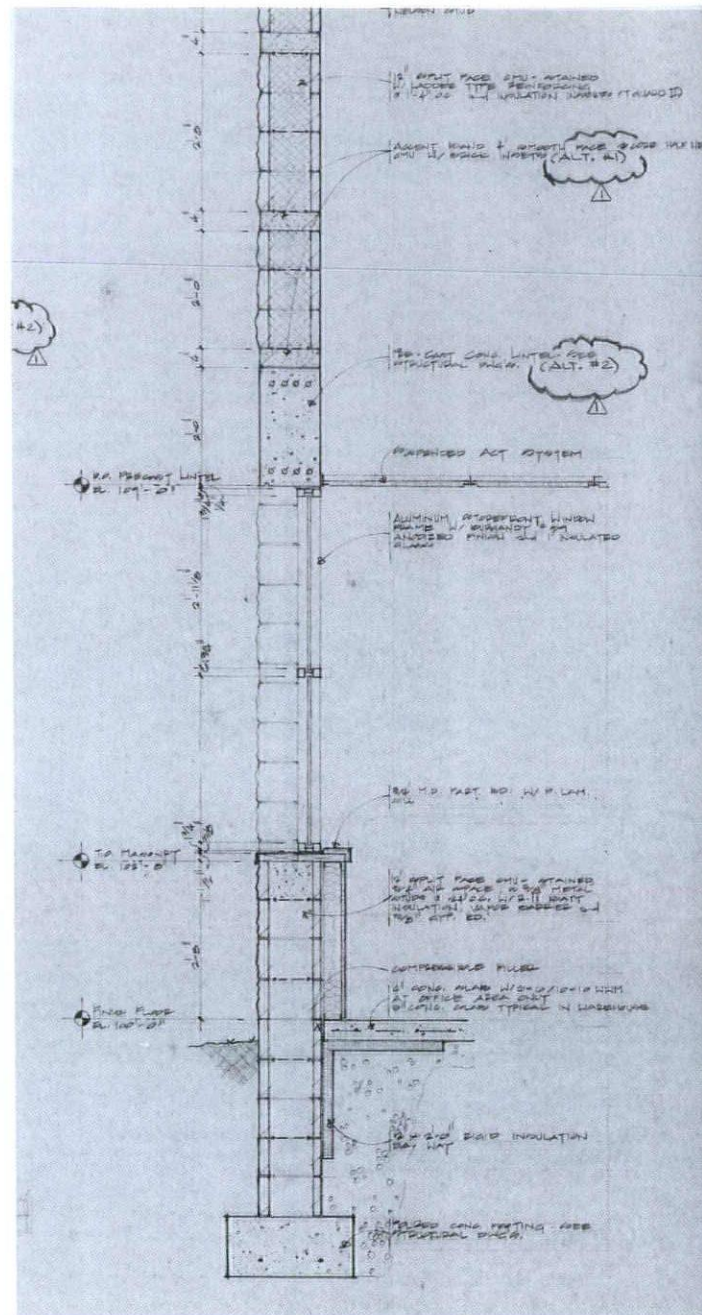
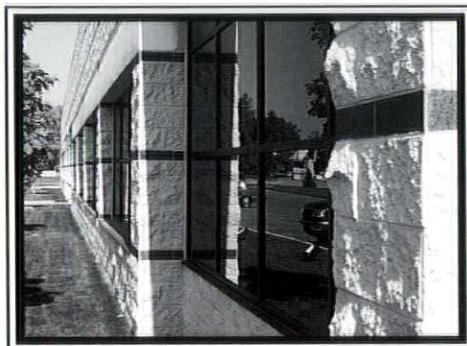
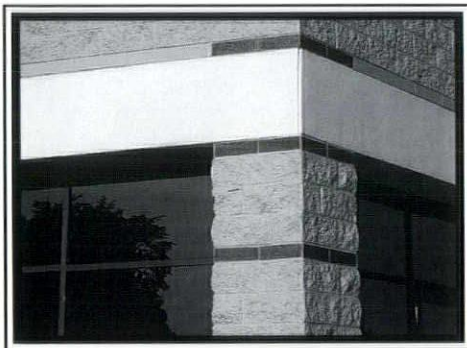
# AWARD WINNING DETAILS

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PEWAUKEE, WI



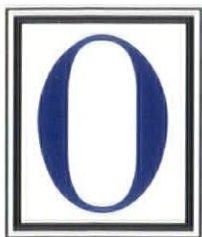
ARCHITECT:  
the Zimmerman  
Design Group





# COUNSELOR'S CORNER

## *Who is Responsible When a Material Supply Job Goes Wrong?*



ur last issue presented the following problem:

You are the block supplier on a construction job and have just received a phone call from the general contractor. The contractor tells you that the building owner will

not make the final payment because of a problem with your materials.

More specifically, you supplied the decorative block that you manufactured. You also supplied glazed block and special pre-colored mortar that you purchased from other manufacturers. The decorative block or the pre-colored mortar is possibly causing "streaking" across the face of the glazed block and making it visually unattractive. The owner claims that special clean-up of the glazed block is required. The general contractor wants to know what you plan to do about your problem.

The last issue suggested some practical responses, but did not get into legal responsibility. That problem requires one to consider:

**1. The Facts** - From a technical standpoint, what went wrong on the job that created the problem? Or is the asserted problem only a pretext?

**2. The Contract** - Do contract terms allocate legal responsibility away from the parties who might seem to be responsible?

**3. The Law** - What legal doctrines affect the application of the facts to the contract?

With respect to the facts, we emphasize again the need to investigate the problem both from a technical and business standpoint. If the dispute is not quickly resolved, and counsel will be involved, it is also important to understand what the other parties are saying. If the matter goes to litigation, and sometimes in arbitration, counsel has a right to find out the other party's position before hearing. But this job is easier if you listen carefully to what the other parties say during preliminary negotiations.

Your counsel will be very interested in what the contract documents provide, including the business, technical and legal terms of the general contract, as well as your supply contract. Some of the most important questions include:

**1. "Flow Down"** - Does your contract provide that the terms of the general contract automatically apply to your supply contract?

**2. Indemnification** - Have any of the parties agreed to indemnify other parties for problems, regardless of fault? Or are there indemnification clauses that allocate 100% responsibility to a party that has any part of the fault? Are there conflicting indemnification clauses?

**3. Insurance** - Are any of the losses insurable, such as damage to the property of third persons, which is usually covered by liability insurance? If coverage is available, insurer involvement is essential even if the coverage is only partial.

**4. Warranty** - Even absent special warranties, you may be liable if you were negligent or failed to comply with contract requirements. But there may also be express or implied warranties, such as that your product will be fit for the particular purpose for which it is used.

**5. Arbitration** - Is there a clause requiring arbitration of the parties' differences, or will unresolved disputes have to be handled in court? If there is an arbitration clause, can all of the potentially responsible parties be brought into a single arbitration proceeding?

These issues highlight the need to pay careful attention to the contract terms at the time of contract negotiation.

There are also principles of law to consider. For example:

1. If you have hired an installer who is at fault, the installer is liable to you. But, as to the owner and general contractor, you are responsible for your installer's work.

2. If you are supplying tangible goods, there is an implied warranty that they will be fit for their intended purpose, unless that warranty is changed by contract.

3. A Wisconsin statute limits a party's right to contract away its liability for negligence (except through indemnification clauses). Some contract language may not be fully enforceable because of this.

4. If you have "substantially performed" your contract, you may be entitled to much of your money, especially if the amount due greatly exceeds the likely cost to remedy the problem.



# HOW TO USE $f_m'$ IN BUILDING DESIGN



n the article " $f_m'=2,000$  psi" appearing in our last issue of *Masonry Insights*, we did not clarify how the  $f_m'$  was actually used in design. That article was simply meant to clarify two basic misconceptions of what  $f_m'$  really was and not as a design treatise. However, a design professional was concerned that

non-engineers might interpret the article to mean that the 2,000 psi was to be used as an allowable compressive or flexural stress, which has prompted this second article.

According to ACI 530-92/ASCE 5-92/TMS 402-92, the consensus design manual for masonry, the allowable stresses in compression, shear and flexure are factored and are a small fraction of  $f_m'$ . Members subjected to axial compression, flexure, or to combined axial compression and flexure must satisfy the equations:

$$\frac{f_a}{F_a} + \frac{f_b}{F_b} \leq 1$$

and members having an  $h/r$  ratio not exceeding 99, where  $h$  is the height in inches and the  $r$  is the radius of gyration, the allowable axial compressive load is:

$$F_a = (1/4)f_m'[1 - (\frac{h}{140r})^2]$$

and for members having an  $h/r$  ratio in excess of 99, the allowable axial compressive load is:

$$F_a = (1/4)f_m'[1 - (\frac{70r}{h})^2]$$

and the compressive stress in masonry due to flexure or due to flexure in combination with axial load shall not exceed  $F_b = (1/3)f_m'$ , provided the calculated compressive stresses due to the axial load component,  $f_a$ , do not exceed allowable stresses  $F_a$ . The actual bending stress on the uncracked section,  $f_b=M/S$ , where  $M$  = the maximum moment at midspan of the wall in in-lb and  $S$  = the section modulus of the masonry unit in in<sup>3</sup> (inches cubed).

Considering an  $f_m'=2,000$ psi, the allowable axial compressive load for an 8 inch wall 12ft high and with

face shell bedding and  $r=2.84$  would be:

$$F_a = (1/4)2,000[1 - (\frac{144}{397})^2]$$

$$F_a = 500 (.869)$$

$$F_a = 434 \text{ psi}$$

Assuming a live load of 600 lb., a dead load of 225 lb. and a wall weight of 40lb/ft.:

$$f_a = P/A_n = \frac{1305\text{lb}}{30 \text{ in.}^2}$$

$$f_a = 43.5 \text{ psi}$$

Since  $f_a$  must be  $\leq F_a$  &  $43.5 \text{ psi} \leq 434 \text{ psi}$ , therefore it is okay.

Checking the bending stresses, assuming the wall is simply supported top and bottom, then:

$$M = \frac{wH^2(12)}{8} = \frac{(20)(12)(12)(12)}{8}$$

$$M = 4320 \text{ in-lb.}$$

$$\text{and } f_b = M/S = \frac{4320 \text{ in-lb.}}{81 \text{ in}^3}$$

$$f_b = 53.3 \text{ psi}$$

$$\begin{aligned} \text{and } F_b &= (1/3) f_m' \\ F_b &= (1/3)2,000 \\ F_b &= 667 \text{ psi} \end{aligned}$$

then check the equation

$$\frac{f_a}{F_a} + \frac{f_b}{F_b} \leq 1$$

$$\frac{43.5}{434} + \frac{53.3}{667} = 0.180 \leq 1 \text{ therefore it is okay.}$$

There are more things to check, such as shear, but we really only wanted to explain how  $f_m'$  is used in masonry design, and that only a fraction of the 2,000 psi is actually used in calculating the allowable stresses in masonry. We hope this removes any possible misleading information to non-engineers.

*Dick Walter, P.E./CAE  
Executive Technical Director*



# OFFICIAL STATE NOTICES NOW ONLY IN THE WISCONSIN STATE JOURNAL



The *Wisconsin State Journal* was recently named the official state newspaper by the Wisconsin State Legislature. Beginning July 1, 1996, the *Wisconsin State Journal* will be the only newspaper that carries all state notices and announcements.

Stay abreast of Wisconsin's changing business environment. Turn to the *Wisconsin State Journal* for announcements of state contracts for bid, requests for proposals, pending legal actions and relevant state notices. This important source of official state information is a vital partner to your organization. It's information to keep you in touch and informed about profitable sales opportunities or important legal actions within Wisconsin.

## WELCOME!!

WCMA would like to extend a warm welcome to three *new* members of our Association.

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**Rod Keehn**

Giles Engineering Associates Inc.  
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Waukesha, WI 53186  
414/544-0118  
**Charles S. Gresser P.E.**  
**Terry L. Giles**

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414/229-6694  
**Tarun Naik P.E.**

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# MEETING CALENDAR

**WCMA Summer Business Meeting**  
August 2 & 3, 1996  
The Pointe  
Minocqua

**CSI Golf Outing**  
August 6, 1996  
Country Club of Wisconsin  
Grafton

**NCMA Midyear Meeting**  
August 7-12, 1996  
The Colonial Williamsburg Resort  
Williamsburg, VA

**AIA Board of Directors**  
August 8 & 9, 1996  
Lake Delton

**CSI Chairperson's Council**  
August 14, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Board Meeting**  
August 22, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Present Audit Committee Finding**  
August 22, 1996  
Milwaukee Engineering Center  
Milwaukee

**AIA Risk Management Workshop**  
August 29, 1996  
Madison

**CSI Board Meeting**  
September 19, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Chapter Meeting/Scholarship Presentation**  
September 23, 1996  
Midway Motor Lodge  
Milwaukee

**CSI Board Meeting**  
October 17, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Chapter Meeting**  
October 21, 1996  
Midway Motor Lodge  
Milwaukee

**CSI Construction Specifications Expo**  
October 29-30, 1996  
Milwaukee Convention Center  
Milwaukee

**AIA Fall Workshop**  
November 1, 1996  
Oshkosh

**CSI Chairperson's Council**  
November 13, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Board Meeting**  
November 21, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Chapter Meeting**  
November 25, 1996  
Midway Motor Lodge  
Milwaukee

**CSI - Deadline for CCS, CCPR & CCCA Registration**  
December 15, 1996

**CSI Board Meeting**  
December 19, 1996  
Milwaukee Engineering Center  
Milwaukee

**CSI Holiday Event**  
December 1996  
Date and location TBA

## WCMA:

Dick Walter  
Executive Technical Dir.  
Wisconsin Concrete  
Masonry Association  
9501 South Shore Dr.  
Valders, WI 54245  
**800-722-4248**  
Fax (414) 773-2823

Administrative Offices:  
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Masonry Association  
1123 N. Water St.  
Milwaukee, WI 53202  
**800-377-0667**  
(414) 276-0667  
Fax (414) 276-7704

**AIA** - The American Institute of Architects/Wisconsin- (608) 257-8477  
**CMI** - Concrete Masonry Industries- Dennis Wilichowski, (414) 362-7000  
**CSI** - Construction Specifiers Institute- J. Gerard Capell, CCS (414) 962-4638  
**NCMA** - National Concrete Masonry Association- (703) 713-1900  
**WSPE** - Wisconsin Society of Professional Engineers- Karen Brey, (608) 833-3364



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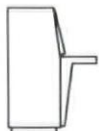
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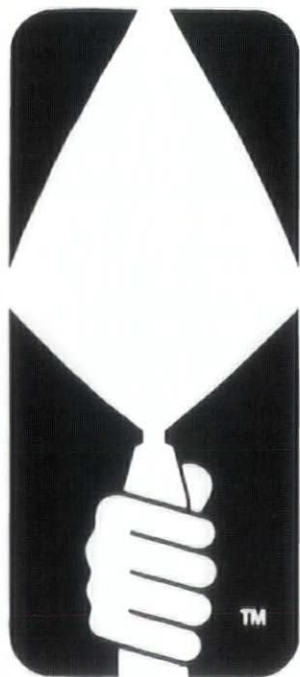
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**Project**

*Knickerbocker Place*

**Architect**

*Kubala Washatko Architects, Inc.*

**General Contractor**

*Tri-North Builders*

**City**

*Madison, Wisconsin*





## Jury Comment

It is especially gratifying to see a retail strip mall selected. This project that if it is planned thoughtfully, the payback is tremendous. It has that sense that it has accrued incrementally the way towns were built.

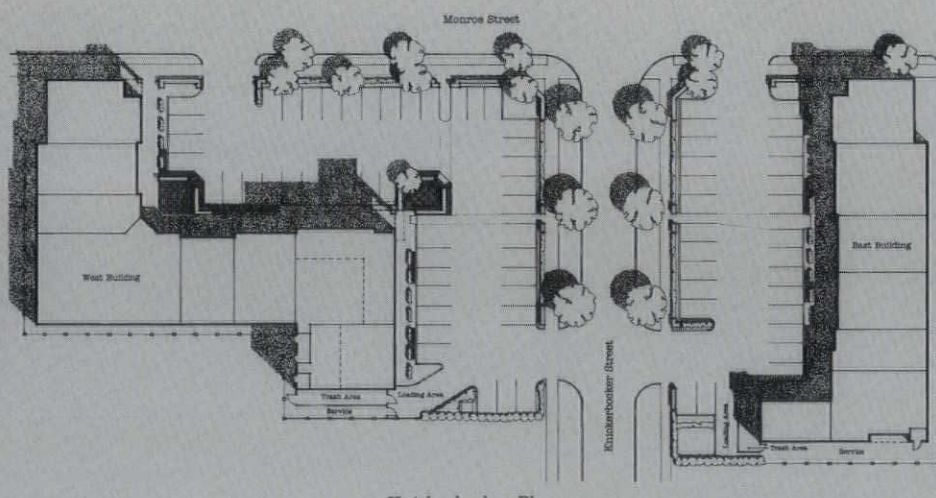
# Honor

*The client wished to redevelop this prominent corner in an historic neighborhood of Madison, expressing a desire for a retail center design which would pay respect to the residential character of the historic context.*

*Intended to express the character of Madison's historic Monroe-Dudgeon area, this new retail center is housed within two single-story brick buildings, one of which includes a mezzanine. Roof lines feature variations in height, and the store fronts step back and forth to avoid the appearance of a strip mall. Low walls and landscaping define boundaries and soften the paved areas. Trash and service components are hidden and unobtrusive.*

*The Knickerbocker Place retail center features massing, signage and detailing in keeping with the 1900's character of the neighborhood. Feedback from the highly organized neighborhood association has been extremely positive.*

*Photography: Eric Oxendorf*







**Project**

*Summerfest North Entrance*

**Architect**

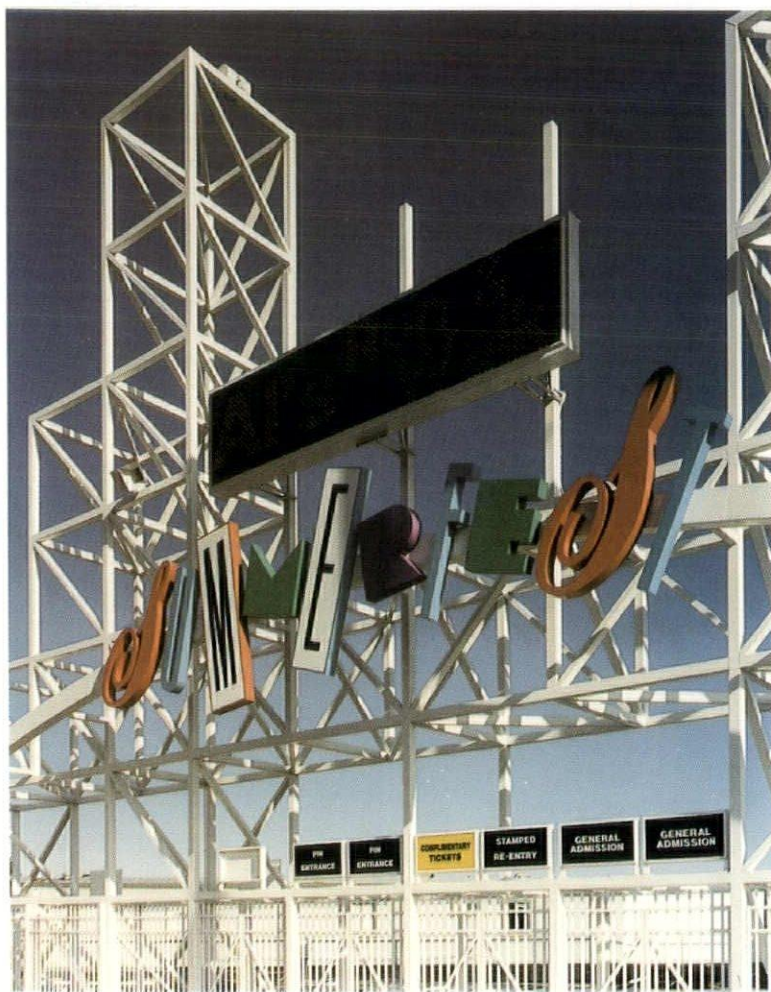
*the Zimmerman Design Group*

**Contractor**

*Luterbach Construction*

**City**

*Milwaukee, Wisconsin*





# Honor

## Jury Comment

This project sets an example for what should be done. This project is beautifully proportioned, has nice rhythm, and is nicely organized. It holds together most in the context of the other buildings, which is a pretty good test of its success.

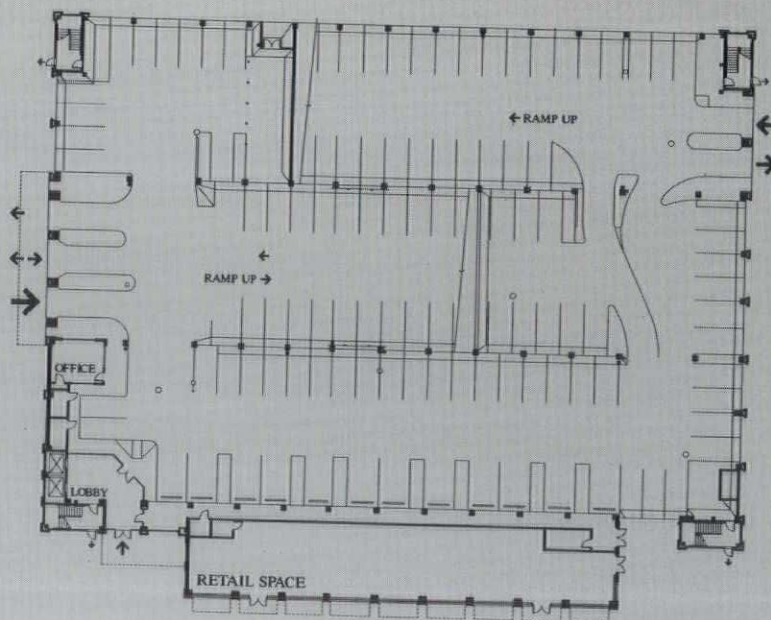
Originally a manufacturing and trade district, Milwaukee's Historic Third Ward has in recent years, become a vibrantly progressive social hub, incorporating the new Broadway Theater, professional offices, loft apartments, artist's studios, shop restaurants and traditional produce distribution centers. Its increasing popularity prompted the owner to commission a 500 space parking structure to alleviate current parking shortages and encourage continued growth.

The design challenge was to create a place within this emerging community that, by design, would be both functional and complementary to the unique historic character of its site while satisfying a stringent historic district design code.

The structure is designed to present horizontal floor levels at the perimeter with sloped ramps at the interior bays, avoiding the obvious expression of sloping ramps at the street elevations and creating a building that is consistent with adjacent structures. Precast concrete lintels, sills and decorative medallions add a sense of detail and structural expression. The window framing and color was derived from the historic character of the industrial sash used on many neighboring buildings and is compatible with the lighter green color of the lighting and street furniture unique to the neighborhood. Retail space was incorporated within the parking structure, facing one of three surrounding streets, providing a pedestrian friendly environment with awnings and street trees.

Arnold & O'Sheridan, Inc. was the engineer of record.

Photography:  
John Korom, Pohlman Studios







# Merit

## Jury Comment

This is a great addition. It creates a beautiful exhibition kind of space with color and light shows, which is another form of design used to create mood, feeling and activity.



## Project

*The Alumni Union Sports Annex*

## Architect

*Eppstein Uhen Architects, Inc.*

## Contractor

*Stevens Construction*

## City

*Milwaukee, Wisconsin*

*The Union Sports Annex creates a versatile entertainment complex for Marquette University's diverse student population. In Marquette's ongoing efforts to attract, retain and chaperone its students and to provide a safe concentrated hub of activity, the University engaged in a vast neighborhood revitalization program known as Campus Town. The Union Sports Annex represents Marquette's response to address the complex sports and entertainment requirements of the community. The architectural response carefully choreographed the material selection, technological requirements and imagery to create a truly unique, escapist environment. The Annex houses a twelve lane bowling center, restaurant and a multi-use activity area for dancing, basketball and tournament volleyball.*

*Photography: Richard Zerby Photography*





# Merit

## Jury Comments

This project illustrates an amazing transformation through thoughtful remodeling.

It is an extremely successful project in spite of a very restrictive budget.



### Project

Glendale City Hall Remodeling

### Architect

Plunkett Raysich Architects

### General Contractor

WB Corporation

### City

Glendale, Wisconsin

*Like many city halls built in the 1960s, Glendale City Hall was in need of major remodeling. Original offices no longer functioned well with today's technology, the lighting was extremely poor and the original orange and brown interior was dated and drab. The design solution takes elements of the existing building (pecky cypress, anodized aluminum, staggered geometry and columns) and combines them with new materials (fabric panels, decorative columns, sandblasted columns and metal accents) to create an economical but fresh professional appearance.*

*The result is a project that has improved the image and morale of the office and its users, as well as provided a source of pride for Glendale citizens, who view the dramatic transformation as a dynamic front door for Glendale's city government.*

*Photography: Jim Morrill*





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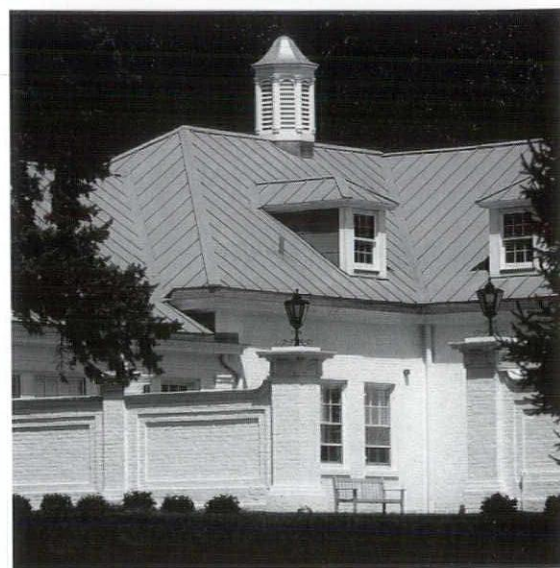
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# Merit

## Jury Comment

The design is very simple, yet has strong direction. The angularity and distorted grid suggest movement and speed—shooting into the drive-through and out the other side.



### Project

*Firststar—Wautoma Branch Bank*

### Architect

*C.R. Meyer and Sons Company*

### General Contractor

*C.R. Meyer and Sons Company*

### City

*Wautoma, Wisconsin*

The owner desired to create via architectural design a new branch bank with an “express” image emphasizing drive-up banking and flexibility. The building also had to maintain the quality image required of financial institutions. The design solution included a dramatic angled design which says “express” both inside and out.

Auto banking was integrated to give mass to an otherwise small branch bank. The exterior insulation finish system was used with the exterior design to keep costs down, but the detail jointing gives the building a classic look. Overall, the building design creates for banks what “fast food” created for restaurants years ago; it is a classic solution for a branch bank in an era of drive-through services.

*Photography: Phil Weston Graphics*



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# Merit

## Jury Comments

There is a sense of humor and a lack of seriousness about this project that's refreshing. It has a nice linear organization.



### Project

*Private Residence*

### Architect

*Vetter Denk Architects, Inc.*

### General Contractor

*Vetter Denk Architects, Inc.*

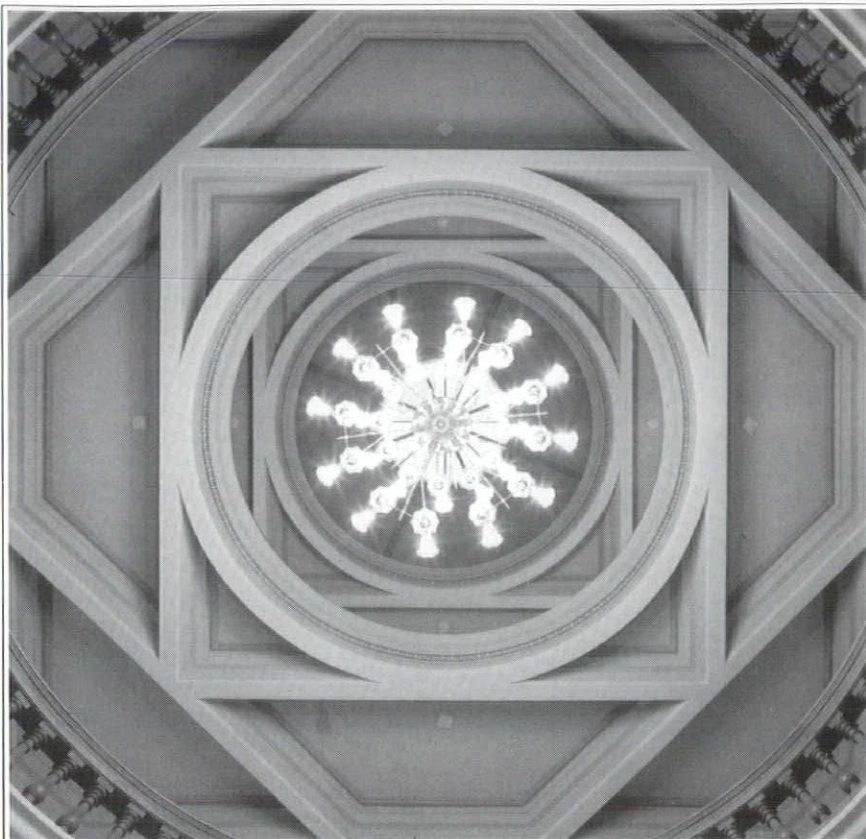
### City

*Milwaukee, Wisconsin*

*The home is reminiscent of early homesteads and is located on a twenty acre parcel of farmland located in a rural area of Metropolitan Milwaukee. The most significant physical feature on the site is an old tree-lined stone wall that bisects the property. The wall became a predominant element in the design of the home due to its historical relevance and physical presence. The design solution is manifest through the selection of the specific building site, the arrangement of interior and exterior space, the use of contextual materials and construction methods. The home is built perpendicular to the stone wall. A portion of the wall intersects the home and serves as a design element to divide the dining/gathering space from the kitchen/service areas. The project illustrates the value and integrity of site specific design.*

*Photography: Wayne Chandler*





**(Eric Oxendorf)**

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 Stewart Design Association, Inc. (Food  
 Service)  
 Arnold & O'Sheridan, Inc. (Structural)

**Betty Brinn Children's Museum**  
 Bert Fredericksen, Inc. (Mechanical)  
 Leedy & Petzold, Inc. (Electrical)  
 Carol Chaffee & Associates (Lighting)  
 Matthew Groshek (Exhibit Display  
 Designer)

**BioPharmaceutical Technology Center**  
 Arnold & O'Sheridan, Inc. (Electrical,  
 Structural)

**Federal Courthouse Renovation**  
 Arnold & O'Sheridan Inc. (Electrical)  
 Conrad Schmidt Studios  
 Lubenow Cobster & Dominiak (Plumbing)  
 Richard Beisser, AIA  
 Strass Maguire & Associates (Structural)  
 Walter Ratai & Associates (HVAC)

**FIRSTAR Wautoma Branch Bank**  
 Muermann Engineering (Electrical)  
 Bert Fredericksen, Inc. (Mechanical)

**Glendale City Hall Remodeling**  
 Leedy & Petzold (Electrical)  
 FLM Engineering, Inc. (HVAC)

**Knickerbocker Place**  
 Ring & DuChateau (HVAC, Plumbing)  
 Benz Engineering (Structural)

**Private Residence**  
 Ambrose Engineering  
 Anne Kustner Lighting Design

**Summerfest North Gate**  
 Harwood Engineering Consultants  
 (Structural, Electrical)

**Third Ward Parking Structure**  
 Arnold & O'Sheridan, Inc.



## The Stoner House Campaign

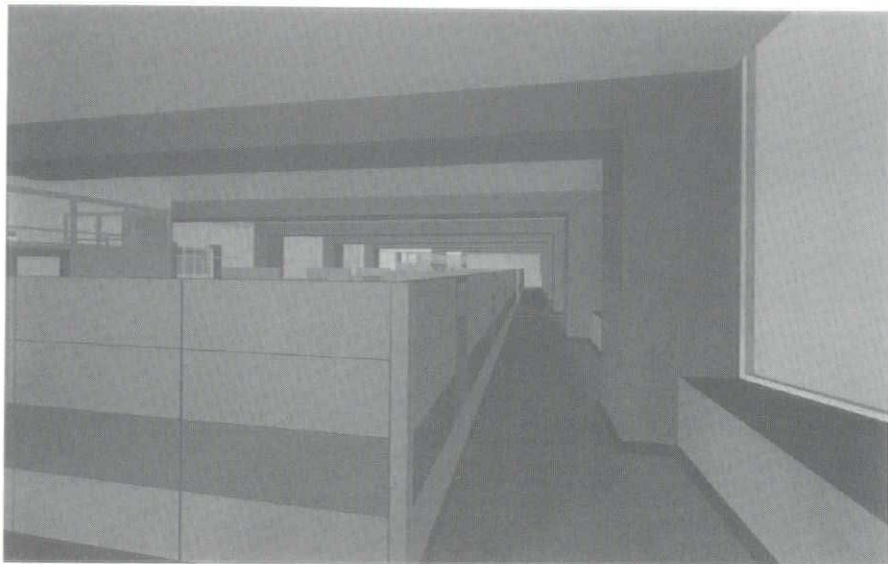
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## Architects Integrate High Technology into the Design Process



*Rendering utilizing 3D imaging.*

As Wisconsin companies enter into an era of new organizational structures and evolving workspace technology, design firms throughout Wisconsin are responding with services that include new technology of their own.

Computerized 3D Imaging has become a useful tool to document the designer's visual concepts and notions about space. Also, by using this technology, the design team can accelerate the design process and communicate design ideas more efficiently than allowed by traditional methods.

The A.O. Smith Automotive Products Science Building in Milwaukee is an example of how HNTB - Milwaukee used this technology on a recent project. The result was that more design options were examined and room for interpretation was decreased. This ensured that expectations of the client and understanding by the design team were in close alignment.

The A.O. Smith Automotive Products Science Building, built in the 1930s, is the historic eight-story headquarters of the company. Sixty years later, the company's shift away from process-oriented work groups and toward client-focused business

units required a re-evaluation of the existing office environment.

Having concluded the schematic design process, including building and site conditions analysis, noting deficiencies, developing design partis and researching furniture systems, the design team provided the client with a prototypical new-floor layout. This layout was the result of reacting to the constraints as well as considering the temporal (time-based) aspects of the space and using AutoDesk's AutoCAD and 3D-Studio software. This allowed the design team to simulate movement through the space and focus on spatial progression, way-finding and public/private articulation.

The highlight of this design process was the client presentation of three alternative schemes, ranging from "high-tech industrial" to "conservative corporate." Each scheme was presented to the owners using a number of still images scattered throughout the floor as well as 30-second animations, illustrating the effects the finishes would have on spatial qualities.

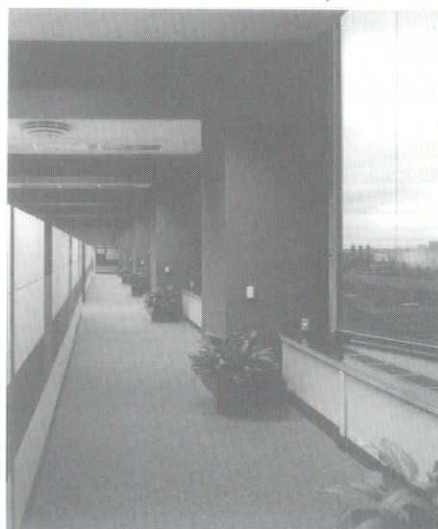
A design charrette occurred after the presentations, where the client and design team interactively designed

new finish schemes using the 3D visualization technology. Alternate finishes were designed and applied to the three dimensional computer models; and still images were produced to illustrate these new options. After an hour of testing new finish options, a final fourth scheme emerged, which represented the best attributes of all earlier schemes.

The computer rendered images of the final finish scheme were printed and displayed directly within the spaces being renovated. This allowed the rest of the client's employees to see the space they would eventually inhabit while they dealt with the disruptions of the renovation occurring around them.

Upon completion, the renovated areas of the building support the 'Business Unit' concept, provide ADA compliance, supply improved lighting, incorporate updated communications, utilize new ergonomically advanced workstations and bring the quality of the space to the high level desired by A.O. Smith Corporation and deserving of its historic building.

*EDITOR: The author is with HNTB in Milwaukee.*



*Completed project derived from rendering above.*



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Please do not hesitate to contact the AIA Documents Department at (202) 626-7531 or the General Counsel's office at (202) 626-7388 if you have any additional questions.



## Stoner House Campaign

At the Annual Meeting of the Wisconsin Architects Foundation, WAF President H. James Gabriel, AIA, Sheboygan, announced that the Board of Directors has launched a three-year campaign for the early retirement of the mortgage on the historic Joseph J. Stoner House in Madison, headquarters of the WAF and AIA Wisconsin.

According to Gabriel, the "Stoner House Campaign" when successfully completed will enable the WAF to pay off the mortgage ten years ahead of schedule and free up an additional \$4,800 each year for architectural education and public awareness programs supported by the WAF.

The goal of the Stoner House Campaign is to raise \$38,000 in contributions and pledges. It includes a special appeal to architecture firms, individual architects and allied design and construction industry leaders.

WAF Vice President Ronald Gene Bowen, FAIA, Madison, who is coordinating the campaign, reports that the WAF already has received contributions and pledges totaling more than \$13,500 from the following firms and architects:

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Erik Madisen, AIA

The WAF Board of Directors encourages you and your firm to make a commitment to the Stoner House Campaign. Your support will enable the WAF to significantly increase its ability to provide annual tuition scholarships to architecture students and grants for quality continuing education programs for the profession.

For information on the Stoner House Campaign, please contact the WAF at 1-800-ARCHITECT. Contributors have the option of making one payment or spreading your pledge over three years. Gifts to the WAF are tax deductible to the full extent allowed by law.

Also at the WAF Annual Meeting, held May 21 in Middleton, Gabriel, Thomas Dowling, Madison, and David T. Kahler, FAIA, Milwaukee, were elected to three-year terms on the WAF Board of Directors.

## 1997 State Officers

At its June meeting, the AIA Wisconsin Board of Directors unanimously approved the nomination of John G. Horky, AIA, Milwaukee, as Vice President/President-Elect and Daniel J. Roarty, AIA, Green Bay, as Secretary/Treasurer for 1997.

Horky and Roarty will join A. James Gersich, AIA, Fitchburg, and Horst W. Lobe, AIA, Madison, on the 1997 AIA Wisconsin Executive Committee. Gersich will serve as President and Lobe as the immediate Past President.

Horky is an associate with Kahler Slater in Milwaukee. He currently is the 1996 Secretary/Treasurer of AIA Wisconsin and previously served as a Director-At-Large.

Roarty is a project architect with Martinson Architects, Inc., in Green Bay. He currently is the President of AIA Northeast Wisconsin and serves on the AIA Wisconsin Board of Directors.

## Fall Workshop

Reserve Friday, November 1, for the 1996 AIA Wisconsin Fall Workshop at the Pioneer Inn in Oshkosh. This year's workshop, co-chaired by Joe Albert, AIA, and Robert Greenstreet, Assoc. AIA, will focus on communication.

## AIA/CES

A total of 220 AIA Wisconsin members earned an average of 11 learning units (LUs) each by participating in continuing education programs offered at the 1996 AIA



Wisconsin Convention, *Parti'96*. AIA members touring the product and service exhibits and participating in mini-seminars during this year's Building Products Expo also earned additional LUs by submitting completed AIA/CES Self-Report Forms to the University of Oklahoma.

AIA members have until December 1997 to accumulate 36 LUs. Thereafter, AIA members must earn 36 LUs per year. For information on the AIA/CES program, including a Self-Report Form, contact the AIA Wisconsin office.

### Daylighting

The Energy Center of Wisconsin is planning a program to encourage the use of daylighting in buildings. A working group has been formed to design such a program, with implementation possibly starting in 1997.

This daylighting group, consisting of Center staff, utility representatives and other interested parties, has been discussing barriers to daylighting design in three areas: 1) market demand barriers (awareness on the part of users, owners and facilities managers), 2) professional delivery barriers (education, experience) and 3) market acceptance barriers (cost, perceptions). The group is seeking input from architects and individuals willing to participate in the planning process. It is also seeking examples of buildings in which daylighting was specifically designed to reduce the electric lighting load.

To provide input or to obtain further information, please contact Scott Pigg with the Energy Center of Wisconsin at (608) 238-8276 ext. 38 (email: spigg@ecw.org) or Joe Sokal, AIA, at (608) 266-2608 (email: sokalj@mail.state.wi.us). The Energy Center of Wisconsin, formerly known as the Wisconsin Center for Demand-Side Research, is a private non-profit organization supported primarily by Wisconsin's public utilities and is dedicated to research, development and demonstration of the efficient use of energy in Wisconsin.

### Correction

The FYI article on "Indemnification Risks Facing Architects" on page 31 of the March/April 1996 *Wisconsin Architect* inadvertently omitted some key language regarding why owner-

generated indemnification provisions can be dangerous. The sixth paragraph of this article should have read as follows:

This type of owner-generated provision is dangerous for several reasons. First, this provision contractually obligates the architect to assume responsibility beyond that imposed upon architects by law (i.e., architects are not legally liable for damages caused by their errors or omissions; they are liable for damages caused by their *negligent* errors or omissions). Such obligations are specifically excluded from coverage under professional liability insurance policies. In essence, such indemnity agreements turn the architect into the owner's insurer. The architect's personal assets together with those of the architect's firm become the owner's insurance reserves.

The magazine regrets any confusion that this omission may have caused.

### People & Places

**Roy H. Stark, AIA**, Manitowoc, has been approved for Emeritus membership in The American Institute of Architects. Congratulations!

Emeritus member **James B. Zwack, AIA**, Appleton, passed away in December. He was with Marathon Engineers/Architects/Planners.

**Martin Choren, AIA**, Mequon, has joined the project management staff at Plunkett Raysich Architects. He will be responsible for the marketing and development of a second design-build studio. He can be reached at (414) 359-3060.

**Michael Janssen, AIA**, Milwaukee, has joined Torke/Wirth/Purjara, Ltd., as senior project architect.

L.L. Kennedy, Inc., has relocated to a new suite. The firm's new address is 5900 North Port Washington Road, Suite B220, Glendale, WI 53217.

**Scott F. Georgeson, AIA**, reports that Valerio Dewalt Georgeson Architects has relocated to The Colby Building. The firm's new address is: 759 North Milwaukee Avenue, Suite 301, Milwaukee, WI 53202; phone: (414) 276-8170; fax: (414) 276-8175.

Mount Mary College in Milwaukee is sponsoring an environmental symposium on Friday, September 20. Featured speakers are Ray Anderson, CEO of Interface Flooring Systems, and John Picard, one of the top environmentalists in the world. For information, call Kathe Bogden at (414) 258-4810, ext. 325.

Congratulations to the Zimmerman Design Group, Kevin J. Connolly, Inc., and The Stubenrauch Associates for receiving "Excellence in Masonry" awards from the Wisconsin Concrete Masonry Association. This year's awards were presented by WCMA President Curt Bauer at the AIA Wisconsin Convention. "Best of Show" honors went to the Zimmerman Design Group for the Briohn Leasing Corporation - Building 1 in Pewaukee.

### Membership Action

Please welcome the following members to AIA Wisconsin:

#### AIA

Mark E. Augustyn, SE  
Michael S. Coonen, SW  
Peter S. Eskuche, SE  
Theresa Mancito-O'Connor, NE  
Jeffrey Marquardt, SW  
Albert H. Park, NE  
Joy M. Peot-Shields  
Terry J. Sandee, SE  
Gil Snyder, SE

#### Associate

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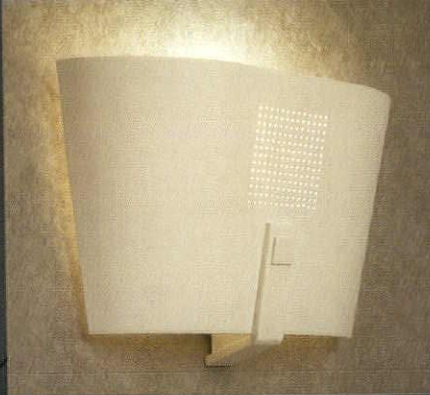


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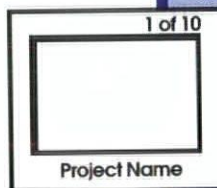
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WCMA's 9th Annual "Excellence In Masonry" Awards

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## ELIGIBILITY

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Entries must:

1. Use **Concrete Masonry Units** produced by a member of the Wisconsin Concrete Masonry Association.
2. Be completed within 5 years of the date of submission.
3. Note: Previous "Excellence In Masonry" Award winning projects may not be re-submitted.

## JUDGING

A panel of architects will be asked to select projects that accommodate Concrete Masonry Units in their inherent capacity to fulfill their role in establishing the structure, basing their designs on overall excellence, design, creativity and functionality.

## ENTRY FORMAT

Each entry must be accompanied by:

1. A signed official Entry Form. (Form may be duplicated)
2. SEVEN TO TEN 35mm slides of the project. Professional quality duplicate slides are recommended. Slides cannot be returned.
  - a. Slides should best express to the jury the character of the project and the role of concrete masonry.
  - b. Each slide must include:
    - 1) The project name on the bottom border.
    - 2) A number in the upper right corner designating numerical sequence of the order you wish the slides to be presented. (1 of 10, 2 of 10, etc.)
3. A written presentation explaining the project and its utilization of concrete masonry.

## AWARDS

"Best of Show", "Excellence" and "Finalist" Awards will be announced at the 9th Annual WCMA Awards Breakfast during the 1997 AIA/Wisconsin Convention. Winners will be featured in WCMA's Newsletter *Masonry Insights* and published in *Wisconsin Architect* magazine.

**\*\*\* Entry deadline.....Oct. 31, 1996\*\*\***

## ENTRY

Project Name \_\_\_\_\_  
Location \_\_\_\_\_  
Cost \_\_\_\_\_ Size (Sq. ft) \_\_\_\_\_  
Completion Date \_\_\_\_\_

## ARCHITECT

Firm \_\_\_\_\_  
Address \_\_\_\_\_  
City/State \_\_\_\_\_ Zip Code \_\_\_\_\_  
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Mason Contractor \_\_\_\_\_  
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## ENTRY SUBMITTED BY

Name \_\_\_\_\_  
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Phone \_\_\_\_\_  
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# AIA Wisconsin

A Society of The American Institute of Architects  
September/October 1996

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Photographer: Janica Yoder



Printed on recycled paper

**WISCONSIN ARCHITECT** (ISSN 1083-9178) serves the design and construction industry in Wisconsin with circulation to Architects, Engineers, General Contractors, Business and Interior Designers, Landscape Architects, Certified Planners, Developers, Specifiers, Construction Managers, Facilities Managers, Builders, manufacturers and Suppliers. Wisconsin Architect is the official publication of AIA Wisconsin, A Society of The American Institute of Architects, and is published by Wisconsin Architect, Inc. Address all editorial and advertising inquiries to: Editor, Wisconsin Architect and AIA Wisconsin disclaim liability for statements by the editors, contributors and advertisers.



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**"Selecting an architect would have been very difficult without this step-by-step procedure; your assistance was extremely valuable."**

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**"I don't know how we would have done it any other way. Both the presentation and the materials were excellent."**

This issue of *Wisconsin Architect* highlights public projects designed by AIA Wisconsin members. It also provides the opportunity to highlight AIA Wisconsin's innovative Qualification Based Selection (QBS) program, which assists civic institutions establish a step-by-step process for selecting an architect for their specific projects.

AIA Wisconsin has offered the QBS program as a public service to public owners since 1986. It features a QBS Facilitator who works one-on-one with public owners to establish a qualifications-based selection process. It is a model program that has now been implemented in over a dozen other states.

Architects shape communities through their design of civic buildings. QBS helps shape the selection process used by public owners to enhance communication and to foster a clearer understanding of expectations and responsibilities right from the start.

Many communities throughout Wisconsin have successfully used the QBS process. We thought you would be interested in seeing a few testimonials.

Harry A. Schroeder, AIA Emeritus

Chairperson, QBS Committee



# A New Handbook Educates Architects and Clients

*The following excerpt briefly summarizes eight basic options available to owners, architects, contractors and construction managers as they organize the work of undertaking a building project. The source for this material, Handbook on Project Delivery, developed by the AIA California Council, includes extensive information that is organized to permit ready comparisons between options.*

**W**hen hiring a team to design and construct a building today, there are many different ways to structure the work. Within the building industry, conventional methods are being challenged by clients and consultants alike in attempts to save time, spend less money, reduce litigation, create less conflict or heighten the building's quality. While minor variations make each working arrangement unique, the major differences fall into one of three categories: traditional methods, construction management and design-build.

Each of these project delivery options—that is, how the various individuals organize their participation and responsibilities to complete a building project—creates certain advantages and has potential limitations. In the case of each project, the relative merits of the employable delivery systems must be evaluated. The methods can be characterized by various means, most clearly by the number of central players: design-bid-build and negotiated select team have three, construction management three or four, design-build two and bridging three. This summary outlines the key characteristics, phases, uses and relationships that distinguish one project delivery option from another and that are described extensively in the subsequent chapters of the *Handbook on Project Delivery*.

## Traditional Methods

Most building projects follow a traditional model in which an owner hires an architect at the beginning of the process to develop a design and

prepare the documents needed to build it. According to convention, the owner also hires a general contractor under a separate contract to construct the building. The owner has a separate contract with each of the two parties who then act in the owner's interest. The architect is paid a fee proportional to the services delivered, while the contractor's compensation is typically built into the cost of construction. Because it is the most frequently employed option, design-bid-build begins the survey of project delivery and serves as a reference point for all other methods. Negotiated select team, on the other hand, has the same contractual relationship as design-bid-build, but the contractor comes on board much earlier in the project and the process is much less formal.

## • Design-Bid-Build

The most common form of project delivery, design-bid-build, is characterized by its three phases, by its independent contracts between the architect and the owner and the contractor and the owner, and by the linear sequencing of the work. There are three prime players: owner, architect and contractor.

## • Negotiated Select Team

This delivery option, sometimes called design-assist, has evolved from design-bid-build in which there are separate contracts for design and construction. At the beginning of the project, the owner selects an architect and a contractor with whom fees are negotiated. The three prime players, owner, architect and contractor, work together cooperatively from very early on in the design process.

## Construction Management

Construction management is a broad term covering a variety of project delivery scenarios in which a construction manager is added to the building team to oversee such elements as schedule, cost, construc-



tion, project management or building technology. A construction manager (CM) may be trained in that field or may be an architect, contractor, engineer or developer; however, construction management is not a licensed activity in most states. CMs can serve in different capacities with varying degrees of authority, depending upon how the project is structured. A fee is paid to the construction manager relative to the services to be performed, which range from advising during a particular phase of the building process to acting as the owner's agent in all matters. Construction management is appropriate for both public and private projects that are relatively complex, for which budget or schedule must be closely monitored, and those requiring extensive coordination of consultants or subcontractors.

#### • CM - Advisor

This project delivery option is characterized by the additional consultant brought on the building team, a construction manager who acts as an advisor to the owner. The authority given the CM-advisor varies, but the architect and contractor generally maintain their conventional roles. There are four prime players with this method: owner, construction manager, architect and contractor.

#### • CM - Agent

This delivery option is characterized by the addition of a construction manager with powers of the owner, allowing the owner to step back from the project. Like advisory CMs, those acting as the owner's agent are hired for their expertise in construction, technology, costs, scheduling and constructability. Because CM-agents assume financial authority for the project, they must also have experience managing all the fiscal aspects of a project. There are four prime players: owner, construction manager, architect and contractor.

#### • CM - Constructor

In this delivery method, the construction manager is hired prior to the completion of design to act as the project coordinator and general contractor. Compared to other options, this method is contractually similar to design-bid-build, has the advisory benefits of CM-advisor, and involves the early cost commitment characteristic of design-build. The CM-constructor may be hired by bid to deliver the building for a guaranteed maximum price or by creating multiple bid packages. In either case, the construction manager assumes all the liability and responsibility of the general contractor, which explains why the method is also known as construction manager at risk. There are three prime players: owner, architect and construction manager.

#### Design-Build

Design-build is a form of project delivery in which owners contract with a single entity, the design-builder, to provide both design and construction services. The design-build entity may be a single firm, a consortium of experts or a joint venture undertaking. Typically, the team includes an architect and a contractor, who may be partners in the undertaking or one a subcontractor to the other. Although contractors more commonly head the design-build team, architects who maintain necessary bonds can also serve this function. Principal advantages of design-build are the single point of responsibility and the potential to collapse otherwise independent phases and therefore save valuable time. It should be noted that design-build is not legal for public work in some states.

#### • Design-Build

Design-build is characterized by the single point of responsibility for the project. The design-build entity is responsible for both design and construction services under one

contract, so there are just two prime players: the owner and the design-builder. This method is the most commonly employed form of design-build.

#### • Design-Build by Developer

The design-build by developer delivery option incorporates the functions of design and construction, but in addition the design-build entity takes on some responsibilities of real estate development. Also known as turnkey construction or sale-lease back, this method is characterized by the legal transfer of title to real property. It is distinct from speculative development because an owner initiates the process and contracts for services with the design-build developer. There are two prime players: the owner, who initiates the project and will purchase it upon completion, and the design-builder.

#### • Bridging

Bridging is characterized by the merging of design-bid-build with design-build. With bridging, the owner hires an architect to define the preliminary design and performance specifications of the project and to serve as the owner's representative during the length of the project. After arriving at a well developed proposal, the documents are used to solicit bids from design-build entities to execute the project. The design-builder completes the design documentation, acting as the architect of record, and, after a final price review, construction begins. There are three prime players: the owner, owner's architect and, later, the design-builder.

*EDITOR: The preceeding article is reprinted with permission from AIA California Council. To order the Handbook on Project Delivery, contact AIA California Council, 1303 J St., Suite 200, Sacramento, CA. 95814. 916/448-9082; 916/442-5346 (fax). E-mail: AIACC@aol.com. The Handbook on Project Delivery also is available from the AIA Wisconsin library in Madison.*



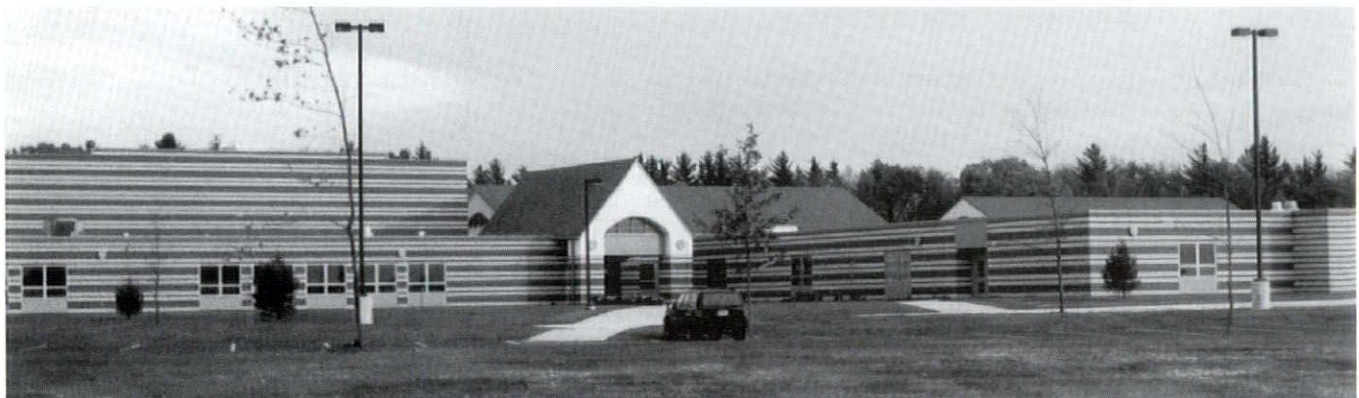
<i>Project</i>	<b>Northland Pines School</b>
<i>Location</i>	<b>Eagle River, Wisconsin</b>
<i>Architect</i>	<b>Bray Associates</b>
<i>General Contractor</i>	<b>Westra Construction Co.</b>

The new Northland Pines School replaces two existing schools in this northern community of lakes and dense forest. It was designed as three houses—pre-kindergarten-2, 3-5 and 6-8 grades. Each has its own bus entrance, teacher resource rooms and special facilities. Shared are the IMC, music room, cafeteria/commons and physical education areas.

Because it was sited near the existing high school, nighttime community users can share both parking areas, gymnasium and other common elements. Also, high school students can conveniently serve as aides in the lower grades.

Horizontal bands of red brick and white split face block contrast with the vertical rhythm of pine trees behind the school. Due to extremely cold weather in northern Wisconsin, special attention was given to wall and roof insulation and to the heating system. Energy-efficient glass was used on wood clad windows. Above-ceiling corridor cable trays were installed to handle computer wiring and telecommunications systems throughout the building.

*Photography: Skot Weidemann  
Photography*





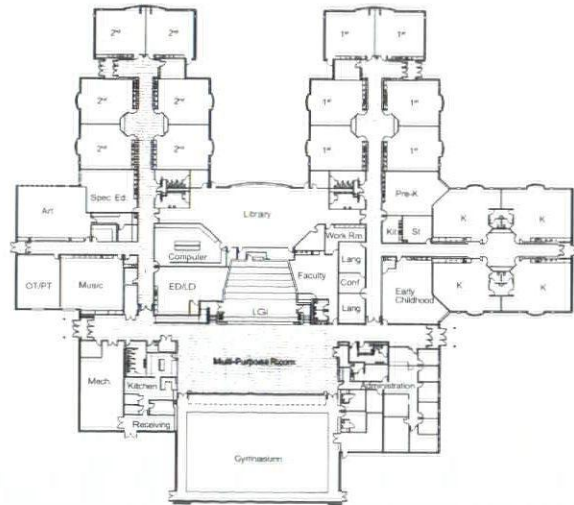
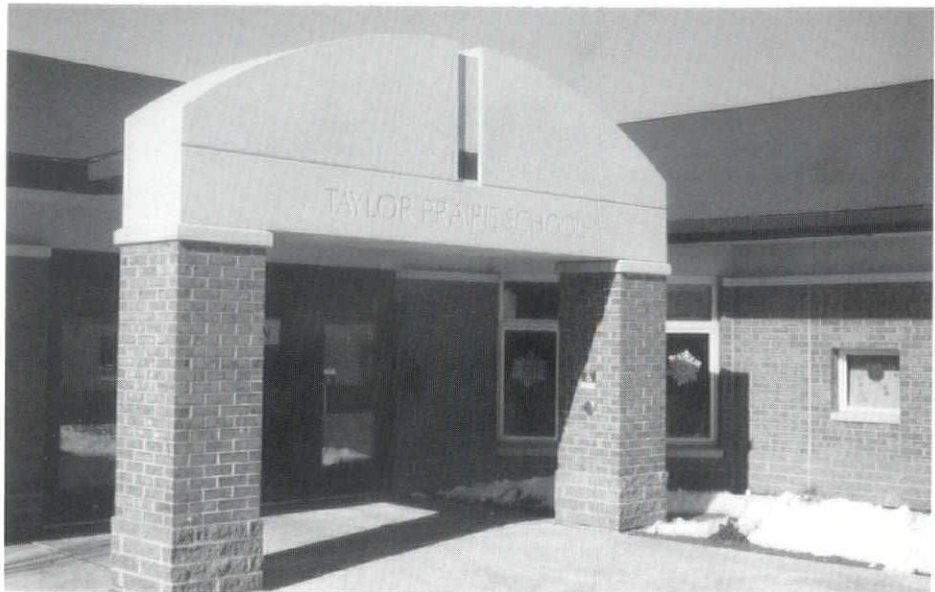
<i>Project</i>	<b>Taylor Prairie Elementary School</b>
<i>Location</i>	<b>Cottage Grove, Wisconsin</b>
<i>Architect</i>	<b>Potter Lawson, Inc.</b>
<i>General Contractor</i>	<b>Tri-North Builders</b>

This public school is designed for early childhood classes through second grade. The flat prairie site is arranged to enjoy use of current and future park facilities. Surrounding lots are slated for future residential growth.

To fit the budget, the design makes multiple use of programmed areas. For example, widened corridors are used for computer workspaces. The commons area functions as school lunchroom or auditorium. A folding wall allows the commons and LGI to become one large gathering space. A future addition is also included in the present plans.

Windows are placed low—at child's eye level. Each classroom has a bay window, providing an inviting reading area. Exterior materials are rustic brick with a red roof. The main entrance, on the southeast facade of the building, has a free-standing arch bearing the name of the school.

*Photography: James Potter, AIA*





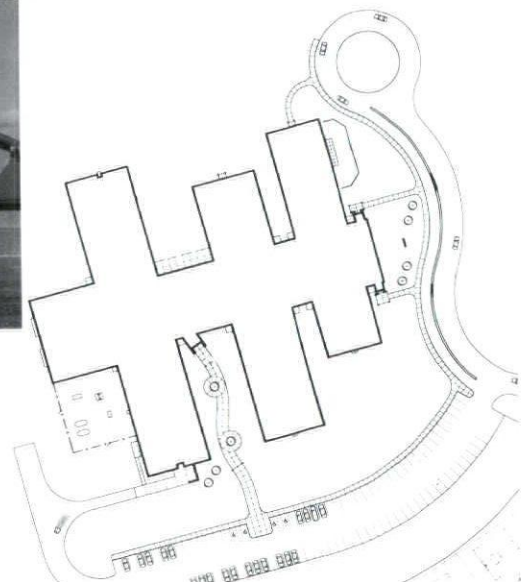
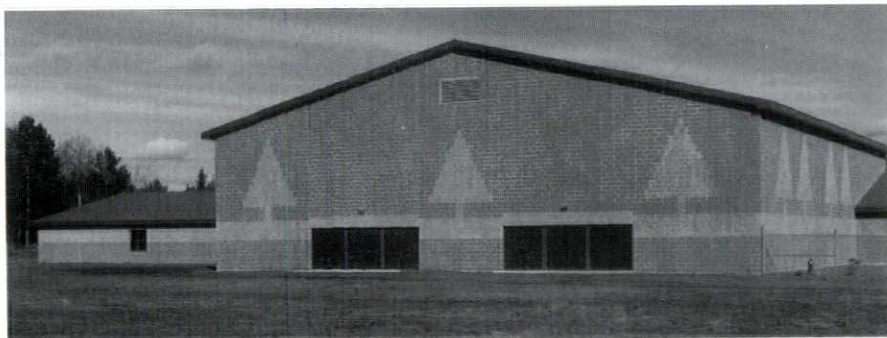
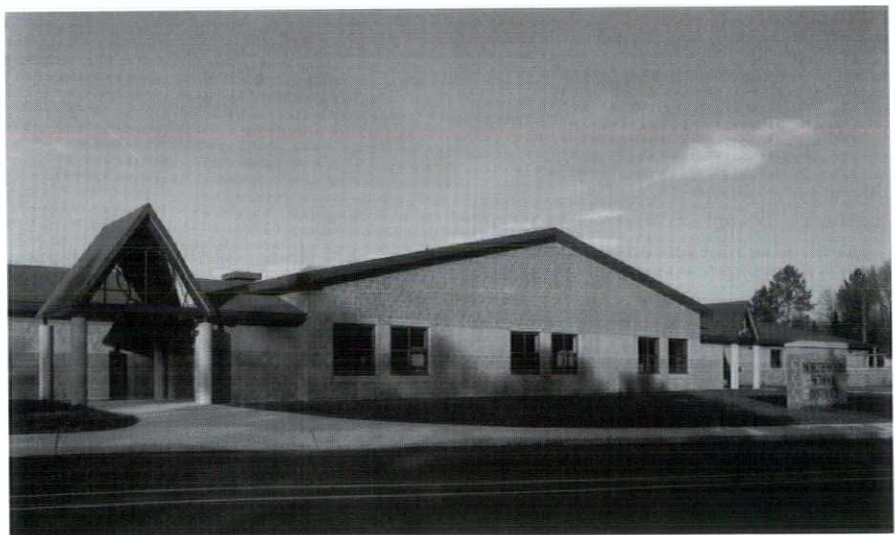
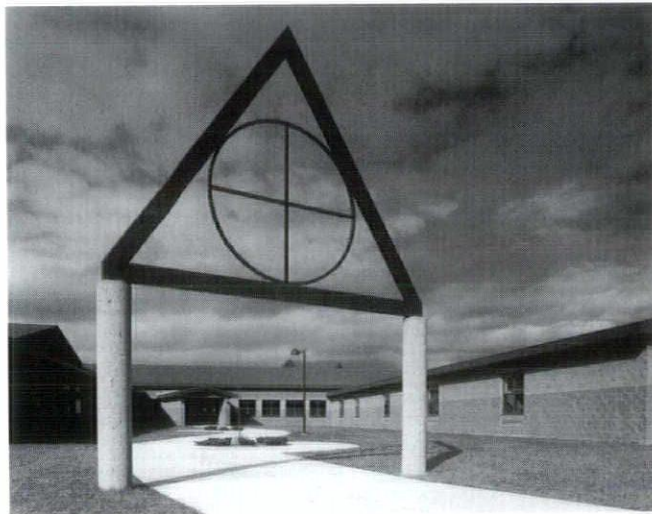
<i>Project</i>	<b>Northwood School</b>
<i>Location</i>	<b>Minong, Wisconsin</b>
<i>Architect</i>	<b>HSR Associates, Inc.</b>
<i>General Contractors</i>	<b>Harbor City Masonry Red Cedar Corporation</b>

Two small communities combined forces in the decision to build a new pre-kindergarten through 12 school for a capacity of 500 students. Grades 7-12 are separated from the younger children and share only certain common spaces. Each has their own entrance. A central core of common use areas separates quiet academic areas from the noisier activities.

The site location is within a state forest and between the two communities. One stipulation was that school bus and car drop off/pick-up be separated from automobile parking area. Much of the site is heavily wooded and since "Evergreens" is the school symbol, the color green is used at the entry canopies and on interior floor patterns. The evergreen tree motif is worked into the brick masonry in contrasting color on exterior walls. A cabin-in-the-woods flavor is suggested by the general earth tones and pitch of the roofs.

The building, access drive and parking area used existing clearings to preserve the pine forest.

*Photography: Becker Communications, Inc.*









<i>Project</i>	<b>Northstar Middle School</b>
<i>Location</i>	<b>Eau Claire, Wisconsin</b>
<i>Architect</i>	<b>SDS Architects, Inc.</b>
<i>General Contractor</i>	<b>Market &amp; Johnson, Inc.</b>

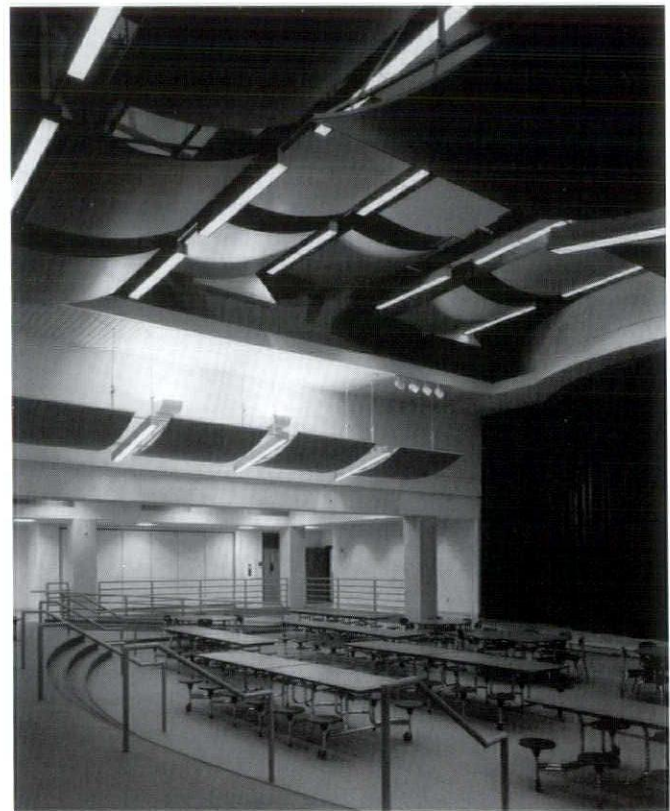
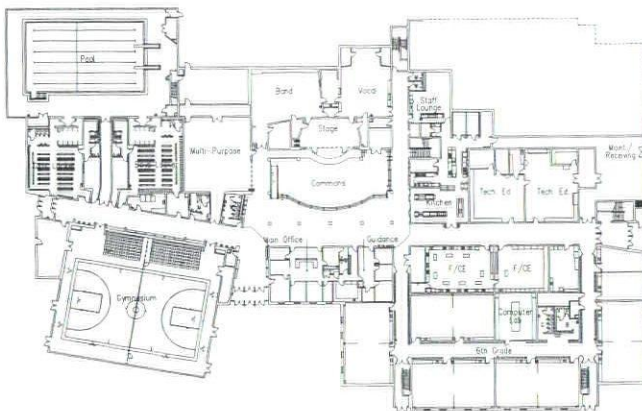
Northstar Middle School is the third middle school to be constructed by the Eau Claire School District since the early 1970s. The two-story facility, located on Eau Claire's rapidly growing north side, houses between 750 and 800 students.

The school is located on a sloping, wooded site. Building into the hillside allows for on-grade access to both levels of the school and reduces the apparent scale of the 120,000 square foot building and its impact on the surrounding residential neighborhood.

The two-story classroom section is divided into grade level "houses" that accommodate grades 6, 7 and 8. Each grade level has its own identity and houses its own science labs, computer lab, lockers and restroom facilities.

Also included in the new middle school are a two-station gymnasium, an eight lane swimming pool and a tiered commons that functions both as a cafeteria and an auditorium. The IMC and classrooms for family and consumer education, Tech-Ed and art are centrally located at the core of the classroom section.

*Photography: Eric Oxendorf Studio*





<i>Project</i>	<b>Chapel/Administration/Science Building</b>
<i>Location</i>	<b>Watertown, Wisconsin</b>
<i>Architect</i>	<b>the Zimmerman Design Group</b>
<i>General Contractor</i>	<b>Maas Brothers</b>

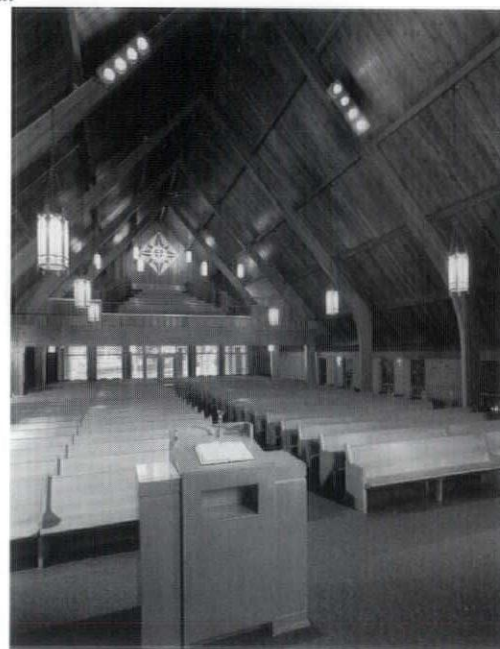
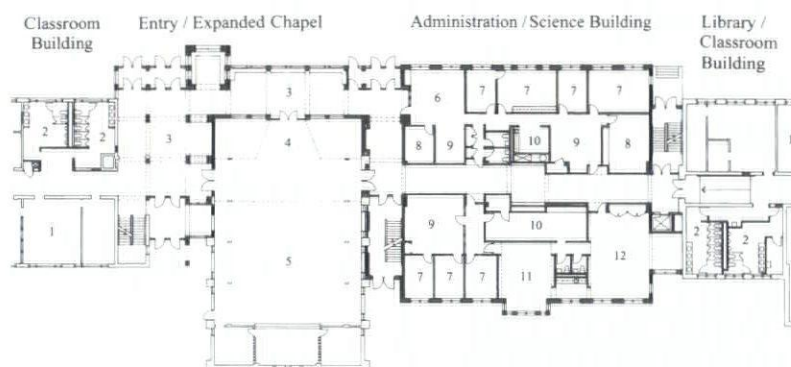
The original campus of Luther Preparatory School dates back to 1840. On this project, the architects sought to strengthen the architectural character of the campus and provide a "front door" to orient visitors and provide a new logical traffic pattern for students.

A new entry drive and a statue of Martin Luther lead visitors to the new administration space, which is now connected to the existing chapel and a classroom building. This also provides an interesting new facade toward the central quadrangles of the campus. A brick tower identifies it as a school with a religious mission. The chapel was expanded one bay and a balcony was added above; it can now accommodate the entire student body.

New construction on the other side of the chapel is a narthex and greatly expanded lobby and entry space. Administration building contains reception and conference rooms, faculty library and work space. Science classrooms occupy the second floor. Exterior is brick walls with limestone trim to blend in with other campus buildings. Chapel details and the new tower give relief from the flat boxy look of the 1950s buildings.



*Photography: Ed Purcell Architectural Photography*





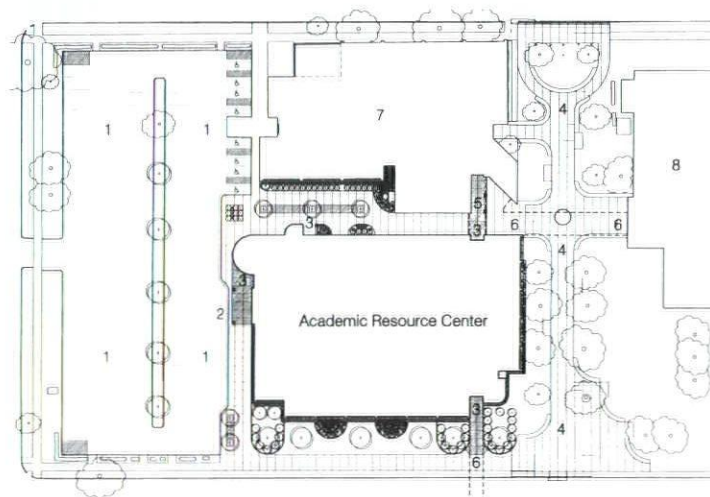
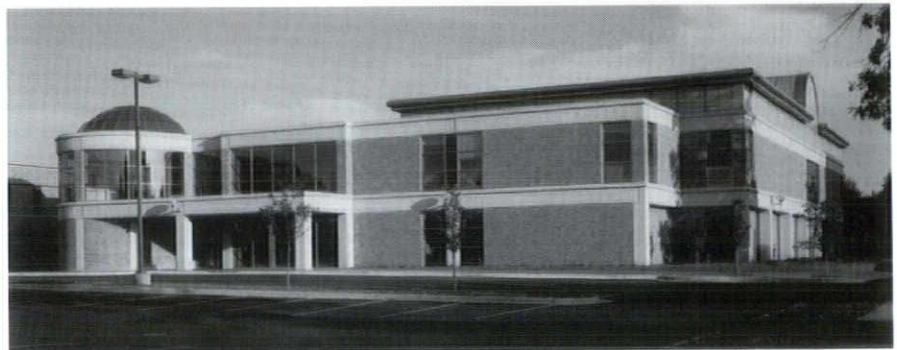
After a master plan was studied, this library, computer lab and classroom building was designed to satisfy the expansion needs of Western Wisconsin Technical College. It provides a focal point and will eventually be linked to three other buildings via skywalks.

Without disturbing numerous mature trees, a new walkway was designed to accommodate the buildings.

The two-story computer training room is located near the entrance, highly visible to promote the capabilities of the college. High windows and a screened surface skydome minimize glare. On the second floor, insulated translucent clerestory windows and barrel vault skylight provide soft, natural daylight for the library. The large column free reading room requires minimal staffing.

Exterior brick matches the brick of four other college buildings, identifying the new building as part of the "campus family." Fenestration and roof design were planned to give human scale to the building.

*Photography: James Taylor*





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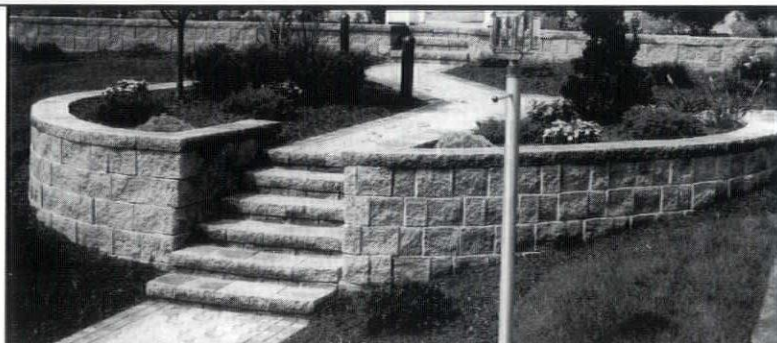


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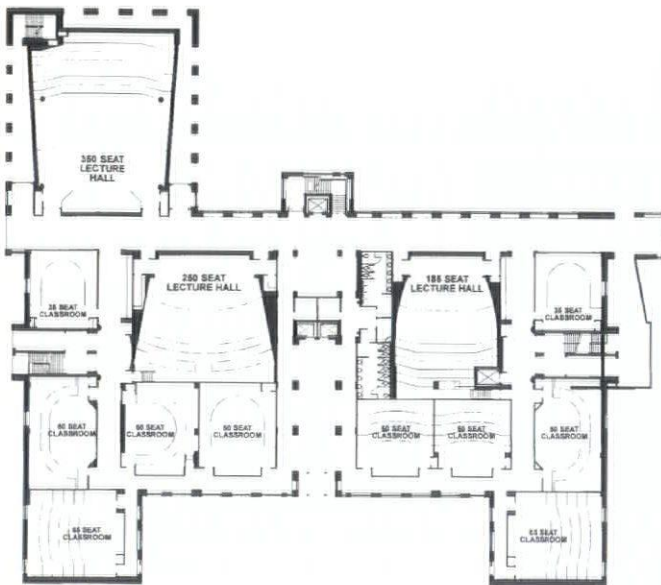
<i>Project</i>	<b>School of Business Administration</b>
<i>Location</i>	<b>Milwaukee, Wisconsin</b>
<i>Architects</i>	<b>Kahler Slater The Hillier Group</b>
<i>General Contractor</i>	<b>Miron Construction, Inc.</b>

The School of Business Administration was designed to be a school of the future with global education and future advances in technology in mind.

An L-shaped configuration defines the campus edge on the west facade of the building and creates a new pedestrian plaza on the east. With a limitation of four stories, the exterior maintains a scale consistent with the public street. Lower floors are designed as a two-story brick arcade with stone and glass infill. Brick colors blend with adjacent campus buildings, while Kasota stone provides visual interest and emphasizes the scale.

One design challenge was to give classrooms a traditional image with technological delivery systems concealed so they would not intrude visually. This duality between "presence" and "absence" of technology was a consistent theme during design development. All of these factors make a complex building very approachable for students.

*Photography: Barry Rustin Photography*





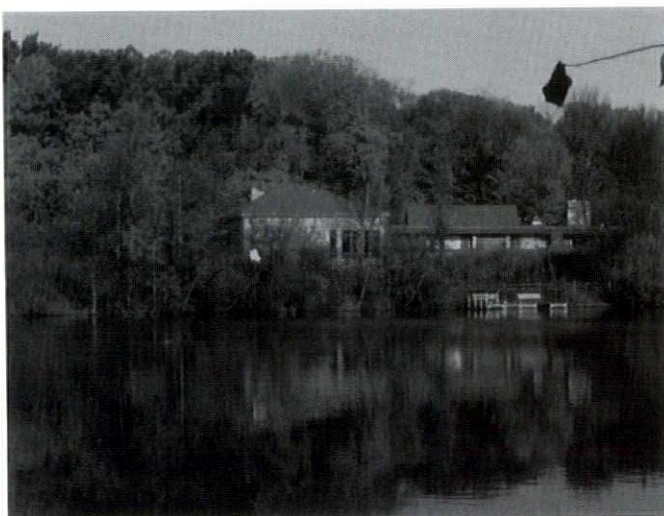
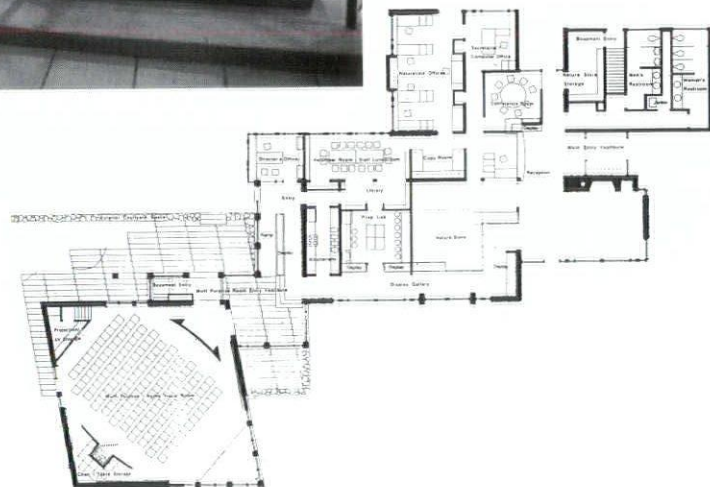
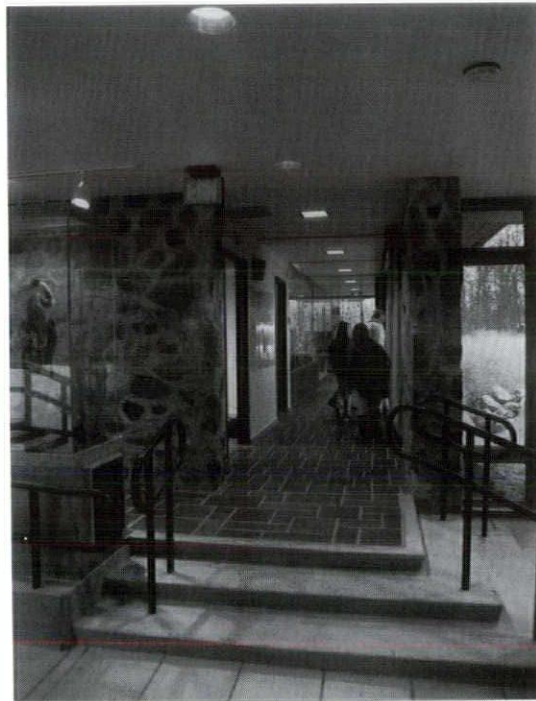
<i>Project</i>	<b>The Wehr Nature Center Addition</b>
<i>Location</i>	<b>Franklin, Wisconsin</b>
<i>Architect</i>	<b>James Piwoni Architects &amp; Planners</b>
<i>General Contractor</i>	<b>ASI General, Inc.</b>

The Center is located on 200 acres that provide four distinct habitats—wetlands, woodlands, prairie and savannah. It functions as a living laboratory and educational center to promote the care of our earth.

To minimize environmental and program disruption, the site chosen for the addition is on the prairie side of the existing building. This also utilizes existing views of the lake. Windows in this new multi-purpose room are concentrated at the eastern apex. Fabric covered display panels slide in place to darken the room for slide shows. Elliptical partitions give the general space inside the shape of a fish or a seed. The room is dividable with a folding wall, has adjustable lighting and a roll down screen. It can be rented by outside groups as well.

Traffic patterns inside and out were redesigned with a “path” leading from the existing building to the new addition—a corridor with glass windows on one side and nature exhibits on the other. The floor steps down at the end of the corridor to a transitional vestibule which contains the new entrance from the parking area. The lower floor level fits the sloping terrain and provides basement space underneath for storage and mechanical equipment.

*Photography: James Piwoni, AIA*



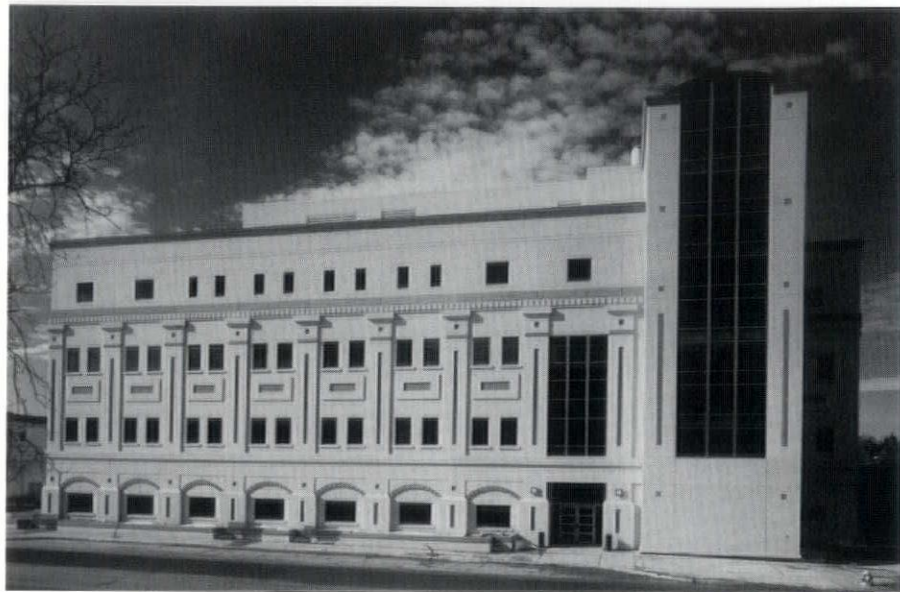


<i>Project</i>	<b>Sauk County Government Building</b>
<i>Location</i>	<b>Baraboo, Wisconsin</b>
<i>Architect</i>	<b>Vierbicher Associates, Inc.</b>
<i>General Contractor</i>	<b>Market &amp; Johnson, Inc.</b>

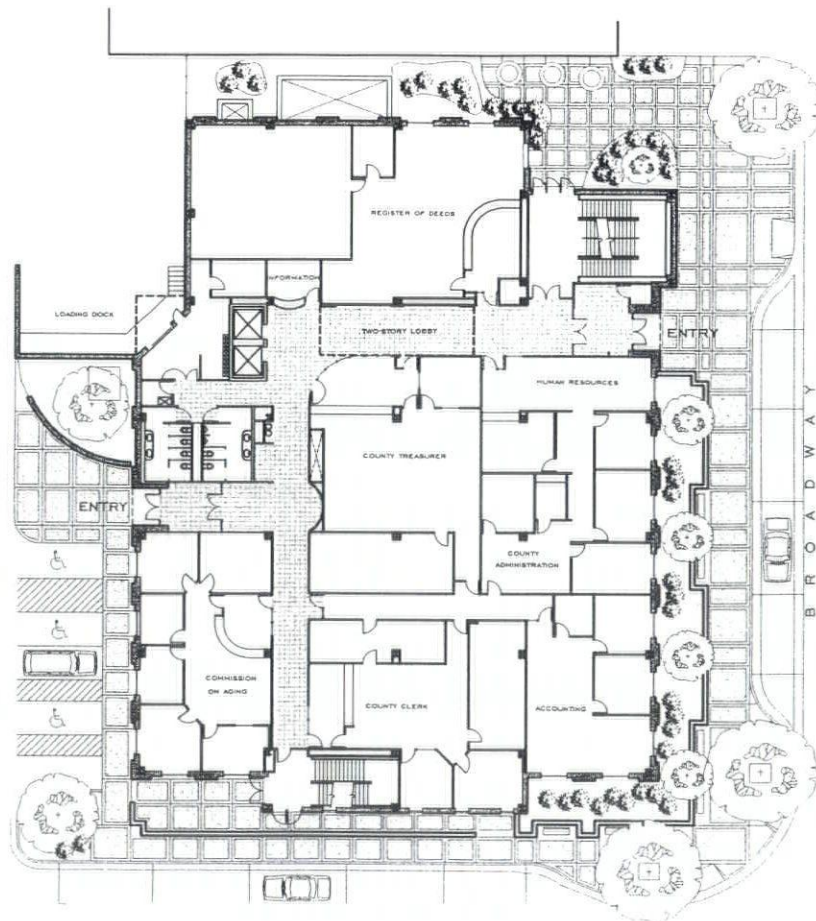
Previously, five scattered buildings accommodated county offices and equipment in a very inefficient way. The new downtown site presented two challenges—scale and context. Baraboo had the traditional town square with a 1906 courthouse as the focal point. Surrounding the square on three sides are one and two story historic buildings. On the fourth side the new building has been designed to enhance the existing structures. It includes parking space and has been connected to the courthouse by an underground concourse, which also provides both buildings with efficient new mechanical systems.

The new facade adds character to the square, weaving threads of adjacent historic buildings into a sensitive new building fabric. Pre-cast concrete was chosen for exterior material for durability and texture. Accent color is the result of an indigenous stone used in the aggregate.

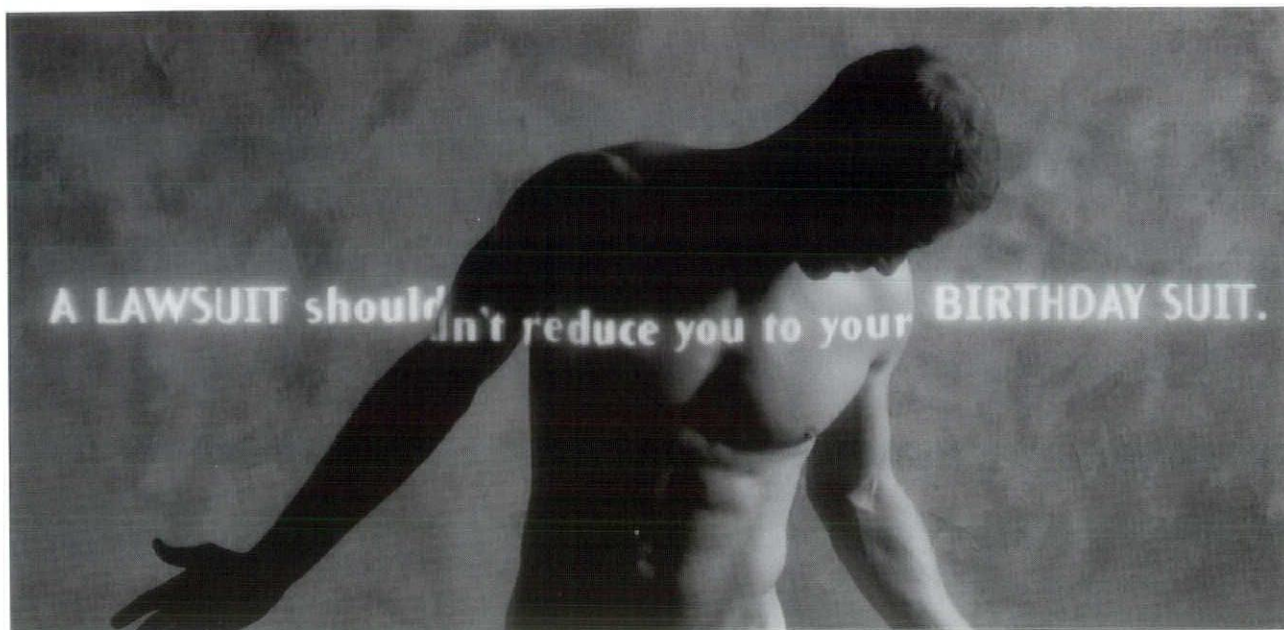
The two-story central lobby adds vertical spirit and accents public passage areas, using a panelized design between column pilasters. Curved corners in corridor enhance and help guide circulation. The plan is user friendly; floor treatment and lighting help define the various areas. Large meeting rooms have movable walls for flexibility.



*Photography: Poast Architectural Photography*







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# Meeting the Building Industry Challenges in the 21st Century

Change and progress in architectural education is an evolving process, but a necessary one as the knowledge base of architects, engineers and contractors is increasing and crossing paths.

The role of education in the future of the built environment was the topic of The Third Annual Architect/Contractor Roundtable, *Shaping the Future Part III: Education—Meeting the Building Industry's Major Challenges in the 21st Century*, sponsored by Wisconsin Gas and hosted by the University of Wisconsin-Milwaukee School of Architecture and Urban Planning (SARUP) at the UWM Hefter Conference Center on April 12, 1996.

An audience of architectural practitioners, educators, engineers and contractors took part in the day's events, which included a keynote address, roundtable discussion and workshops on specific issues.

Welcoming the audience were Robert Greenstreet, RIBA, Dean of the UWM School of Architecture and Urban Planning and 1995-96 President of the Association of Collegiate Schools of Architecture (ACSA), and Judith Mathewson, Project Manager, Marketing Services for Wisconsin Gas.

## Keynote Address

In his keynote address, Marvin Malecha, FAIA, Dean, North Carolina State School of Design, said that his thoughts on the future of education, professional preparation and the partnership that exists between educators, architects and the building industry could be characterized by some as being "hopelessly optimistic." Malecha, a national leader in architectural education and academic management, is past president of the ACSA and a practicing architect. His address identified five themes which he believes will effect education, practice and the building industry:

1) Diversity and Redundancy, 2) Literacy, 3) Curiosity and Inquiry, 4) Agility and 5) Extending Reach and Value. These forces will each impact an evolving architecture profession, which needs to become increasingly flexible, responsive to market demands and adept in communication skills.

"The roots of a design education must be broad," Malecha said. "Design is founded on a common body of knowledge. From the first experiences, we must teach the student how to see the rich interaction of many disciplines.

"We must define the teaching office and the practicing school, practice and research, in such a way as to facilitate the interchange as a goal onto itself," Malecha noted. He pointed to the need to incorporate diverse viewpoints, embrace change and move toward stronger correlations between the individual, nature and the built environment.

## Roundtable Panel

Malecha's keynote set the stage for a panel discussion centering on the role of education in meeting the major challenges of the building industry in the twenty-first century. The panel, moderated by Richard Solomon, FAIA, Director of Chicago's Graham Foundation for Advanced Studies in the Fine Arts, included five distinct points of view, yet some similar conclusions were drawn on the role of education.

Joining Malecha in the panel were Paul Hoffman, President of the Hoffman Corporation in Appleton; Robert J. Smith, JD., Executive Vice-President of Construction Strategies, Inc., Adjunct Professor of Civil Engineering at the University of Wisconsin-Madison; L. William Chapin II, FAIA, President/Treasurer of Chapin and Tomaselli Architects, P.C., Rochester, New York and Past President of the American Institute of

Architects (AIA); and Michael Crosbie, AIA, architect with Steven Winter Associates, Adjunct Professor of Architecture at Roger Williams University in Bristol, Rhode Island, and most recently Senior Editor at *Progressive Architecture*.

At the close of the panel, Solomon cited themes and issues which he found to be key to the discussion, including: 1) there are more things to teach, more things to know and more ways to practice, 2) the path of educating design professionals is interconnected—a linear system which has progressed significantly in the last 30 years, and 3) the issue of values and value-driven change is inherent in this dialogue.

## Workshops

With smaller afternoon attendance, three of four planned workshops were conducted in Partnering, Mediation Techniques and Commissioning. The sessions drew on the expertise of practicing architects, experts in dispute resolution and utility professionals.

## Reflections

At the conclusion of the day's events, what was clear was the importance of the continuum of the education of the architect—from school to internship to various levels within the profession. The architect's learning process must be continual and knowledge base extended not only to understand the building process, but to develop a framework for dialogue with related professionals. It is through forums such as this roundtable that the design and construction industry can progress in evolving markets.

*EDITOR: John Czarnecki, a March/Master of Urban Planning candidate at the University of Wisconsin-Milwaukee and the UWM Student Representative on the AIA Wisconsin Board of Directors, is the 1996-98 editor-in-chief of Crit, the national journal of the American Institute of Architecture Students (AIAS). He is a research planner with Ejj Olson and Associates in Milwaukee.*



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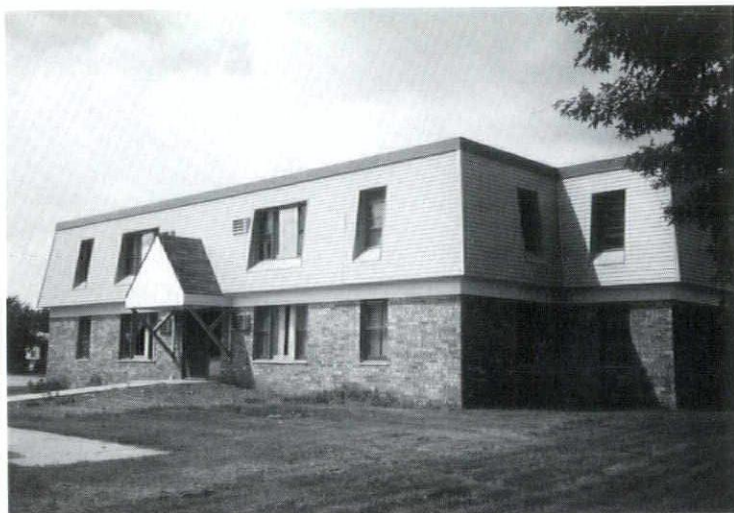
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# CSI Master Format Changes

The Construction Specification Institute has issued the 1995 Master Format. This edition replaces the 1988 Master Format Edition. There are a number of minor revisions in numbers and titles, several changes in style and presentation and some significant rearrangements of numbers and titles, particularly in Divisions 1, 2, 13, 15 and 16. The following is a summary of some of the changes from the 1988 Edition.

1. The title categories of "broadscope," "mediumscope" and "narrowscope" have been replaced by a hierarchical system comprising four levels. A Division title is considered level one; and subordinate titles are identified with five-digit numbers at level two and level three. Titles at level four are unnumbered.
2. Division 2 was retitled "Site Construction" and completely rearranged with level two titles for: Basic Site Materials and Methods; Site Remediation; Site Preparation; Earthwork; Tunneling, Boring, and Jacking; Foundation and Load-Bearing Elements; Utility Services; Drainage and Containment; Bases, Ballasts, Pavements, and Appurtenances; Site Improvements and Amenities, Planting; Site Restoration and Rehabilitation.
3. Division 4 now facilitates applications dealing with masonry as individual products and with masonry as an assembly. Existing titles were modified to be applicable to individual units and a new level two title "Masonry Assemblies" was added.
4. "Railroad Track" was moved from Division 2 to Division 5.
5. "Skylights" was moved from Division 7 to Division 8.
6. Division 13 remains "Special Construction," but several titles were changed. This Division now includes lighting protection; cathodic protection; hazardous

material remediation; security access and surveillance; detection and alarm; and fire suppression.

7. Division 15 was changed to group piping by application and to include industrial process piping. Fire protection piping components remain in Division 15 as an option, but fire suppression and control, as components and as a system, is relocated to Division 13. Heating, ventilating and air-conditioning equipment is rearranged to match industry terminology. Temperature control is no longer arranged by system technology.

8. Division 16 was rearranged to include a level two title for electric power. Lightning protection, cathodic protection, detection and alarm, and security access were relocated to Division 13; and a new title was added for "Sound and Video."

9. Selective demolition for remodeling has traditionally been included in Division 2. Those titles have been deleted, and Division 2 now only deals with site demolition or demolition of entire buildings or structure on a site. Division 1 contains titles related to the general requirements for demolition (such as mobilization, measurement and payment, outages, notifications, submittals, etc.) and now includes a place for common execution requirements, which can include selective demolition. Technical requirements related to selective demolition of a specific product are included as part of that product's title in the appropriate Division.

There are no standard stand-alone titles for selective demolition products and activities, but the user is free to create them or may simply locate demolition requirements with related product requirements. For example:

- Demolition of existing cast-in-place concrete can be covered under "03300 - Cast-In-Place

Concrete" or under a user number and titled, such as "03305 - Selective Concrete Demolition."

- Removal of existing gypsum board partitions can be included in "09250 - Gypsum Board," or under a new title, such as "Selective Gypsum Board Demolition."

- For selective demolition of both lath and plaster partitions and gypsum board partitions, consider a user number and title such as "09204 - Selective Partition Demolition."

- If selective demolition is common to an entire Division, a title under basic materials and methods is appropriate; for example "04055 - Selective Masonry Demolition."

10. Testing, adjusting, and balancing and related titles are another source of confusion. Division 1 continues to have titles related to the general requirements (such as qualifications, notifications, reports and submittals, etc.), but now it also contains titles for common technical requirements related to these activities, whether they are considered under the category of quality control, close-out or commissioning. Again, product- or system-specific testing and adjusting should be included with the product title in the appropriate Division.

11. Common requirements for operation, maintenance and decommissioning are now included in CSI's Division 1. These titles are not intended to be the primary locations for information related to these activities, just a slot for general or common requirements. Product-specific requirements for operation, maintenance and decommissioning should be covered under titles in the appropriate Divisions.

*EDITOR: The author is a Project Manager with the Division of Facilities Development, Wisconsin Department of Administration.*



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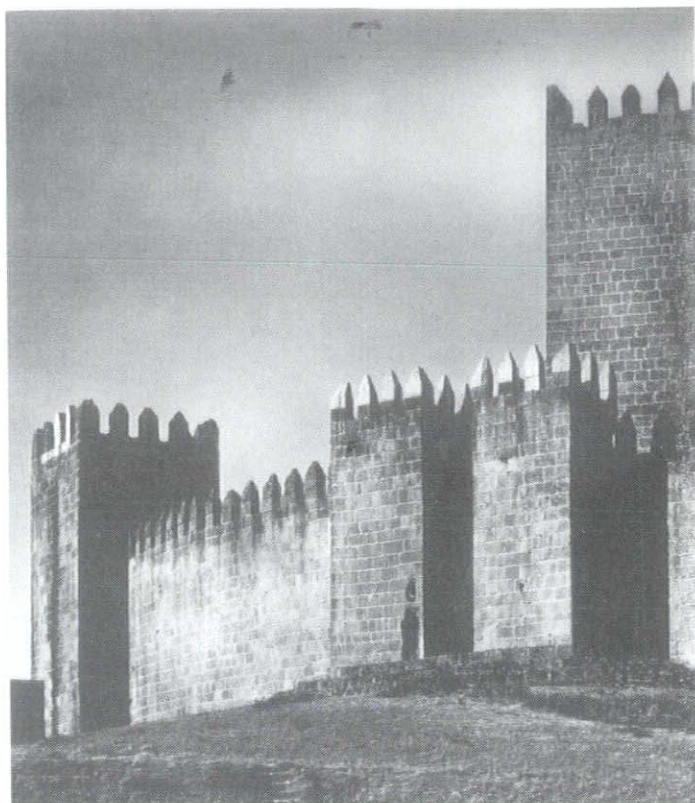
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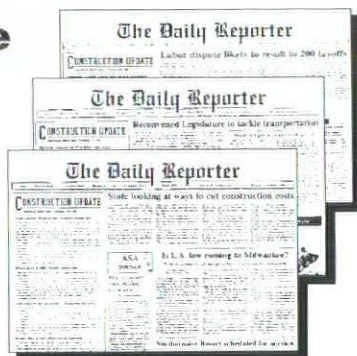
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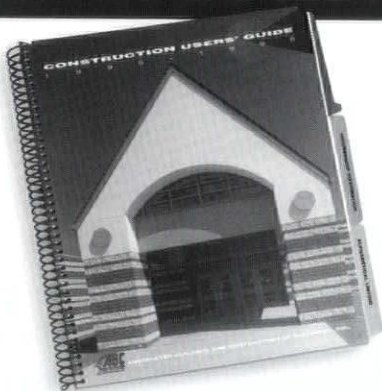
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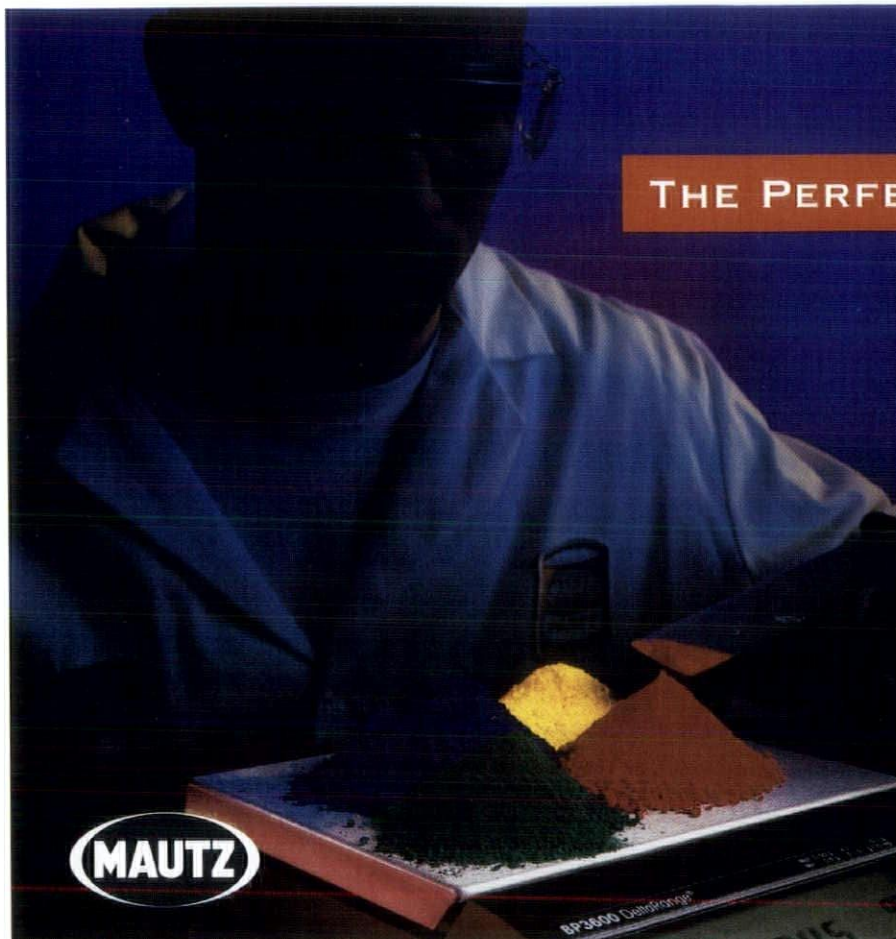
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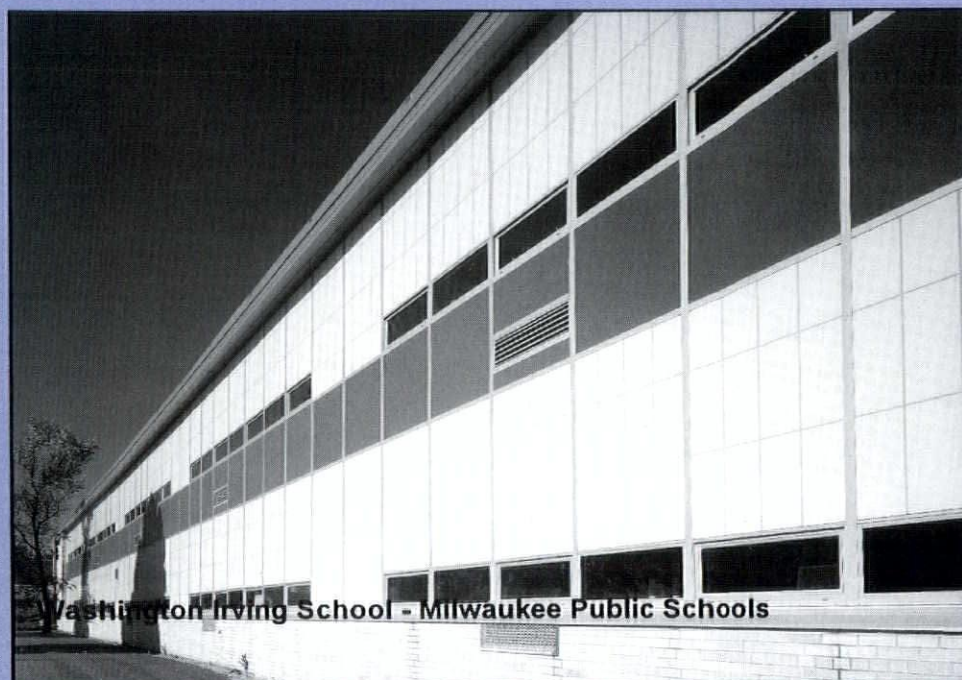
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### Fall Workshop

AIA Wisconsin's 1996 Fall Workshop will be held on Friday, November 1, at The Pioneer Inn in Oshkosh. The one-day workshop will focus on effective ways in which architects can improve communication with clients and the public.

This year's Fall Workshop features a series of fast-paced nuts-and-bolts sessions designed to enhance your public speaking, writing, computer graphic and presentation skills. You'll walk away with practical techniques for increasing public awareness and client appreciation of your professional services through better communication.

- Chicago architect and master communicator Jack Hartray, FAIA, will kick off the day's events by addressing the importance of improving the ways in which architects communicate with clients and the public.
- Jim Friauf's workshop session will provide effective tips for dealing with the fear of public speaking and grabbing your audience's attention.
- Carolyn Washburne will highlight basic strategies and newer techniques for producing written materials that are clear, accurate and legally defensible.
- Todd Wiedemann will demonstrate how firms, small and large, can take advantage of affordable computer graphic packages to produce effective presentations.
- Bob Greenstreet will offer a guide to planning effective last-minute presentations.
- To close out the Fall Workshop, a panel featuring Lisa Kennedy, AIA, Tom Kubala, AIA, and Gary Zimmerman, FAIA, will share their real-life practical secrets for effective presentations.

Immediately following the Fall Workshop, the International Masonry Institute will be hosting the 1996

Golden Trowel Awards dinner, with an open bar, at The Pioneer Inn. Call Scott Conwell, AIA, at 1-800-464-0988 to reserve your space for this awards program.

Fall Workshop participants will earn 11 learning units (LUs) for the AIA's Continuing Education System. For further information, contact AIA Wisconsin at 1-800-ARCHITECT.

### QBS Recommended

A recent report prepared by the Massachusetts Taxpayers Foundation recommends that Massachusetts adopt a qualifications-based selection (QBS) process for selecting architects and engineers for state projects.

The report admonishes the state of Massachusetts for putting design contracts out for competitive bid based on proposed costs. According to the taxpayer group's study, the current practice "leads design firms to base their bids on the minimum possible number of hours, with substantial risk that inadequate design will boost overall construction costs."

The report also criticizes the state for requiring design firms to submit cost estimates with their statements of qualifications. The result, the study concludes, is that "these firms inevitably assume that the agency will find it difficult to select any firm other than the low bidder and therefore submit a scope of work stripped to the bare essentials," thus discouraging innovation in design.

### Learning Units

According to a report prepared in August by the University of Oklahoma, the recordkeeper for the AIA Continuing Education System (AIA/CES), 716 AIA Wisconsin members have reported earning learning units (LUs).

The encouraging news is that 332 of these AIA Wisconsin members, or 46%, have earned 36 or more LUs.



This is well above the national average, according to AIA/CES director Thom Lowther.

Architect members of the AIA are required to earn a minimum of 36 LUs by December 1997, with at least 8 contact hours related to health, safety and welfare issues. Beginning in 1998, Architect members will need 36 LUs each year.

The not-so-encouraging news is that there are more than 100 AIA members in Wisconsin who have not yet reported earning any LUs.

For information on AIA/CES, including a Self-Report Form for self-directed learning activities, contact the AIA Wisconsin office.

### MCE for Licensure

Five states currently require mandatory continuing education (MCE) for architects for licensure: Alabama, Florida, Iowa, Kansas (effective for renewals in 2000) and South Dakota (effective January 1, 1997).

A number of other states, including Minnesota, already have MCE legislation in place and are currently developing or discussing regulations to implement continuing education requirements for licensure. In addition to Minnesota, other states developing MCE regulations include Arkansas, Louisiana, Tennessee and West Virginia.

A key concern is ensuring that AIA members do not have to fulfill separate continuing education requirements for state licensure and for AIA membership. The AIA has been encouraging state boards considering MCE for licensure to accept the AIA/CES program. Also of concern is the effect of state MCE requirements on reciprocity as well as administrative resources targeted for enforcement.

### People & Places

**Joseph L. Powelka, AIA**, Sun Prairie, has formed a new company, ProAct Facility Consultants, Inc., with partner Paul H. Stasiewicz. Joe previously was with Durrant Engineers, Inc. The new firm will focus on providing facility management consultation and planning to building

owners and managers in a four state region. Joe's new business address is: 3221 West Beltline Highway, Middleton, WI 53562-1670; telephone (608) 827-0923.

**Walter L. Wilson, AIA**, Milwaukee, has been appointed to the Interior Design Advisory Committee by Marlene Cummings, Secretary of the Department of Regulation and Licensing. The advisory committee is developing proposed state administrative rules for the new title of "Wisconsin registered interior designer." His telephone number is (414) 771-6222.

Entries for the 1996 Concrete Design Awards are now being accepted by the Wisconsin Ready Mixed Concrete Association (WRMCA). The awards, co-sponsored by the WRMCA and the Wisconsin Chapter of the American Concrete Institute, honor the outstanding concrete projects in Wisconsin for 1996. The deadline for entries is December 9, 1996. For more information and a copy of the Concrete Design Awards entry form, call the WRMCA at (414) 529-5077.



*Stressed out and exhausted, AIA Wisconsin Board members gathered for a group photo at the long-range planning meeting. Pictured are (back row L-R) Thomas E. Hirsch, AIA, A. James Gersich, AIA, Robert E. Shipley, AIA, Kevin J. Connolly, AIA, William M. Babcock, Erik D. Hansen, AIA, Kent Lesandrini, Warren R. Bauer, AIA, John G. Piene, AIA, Jack Fleig, AIA, (front row L-R) John G. Horky, AIA, Michael P. Eberle, Assoc. AIA, Horst W. Lobe, AIA, Gregory A. Karn, AIA, Daniel J. Roarty, AIA, Barbara K. Ohlsen, AIA, and Gary J. Kucko, AIA.*

### Membership Action

Please welcome the following members to AIA Wisconsin:

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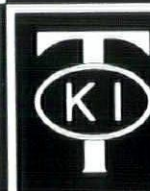
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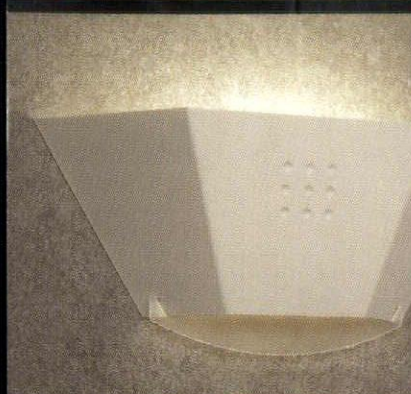
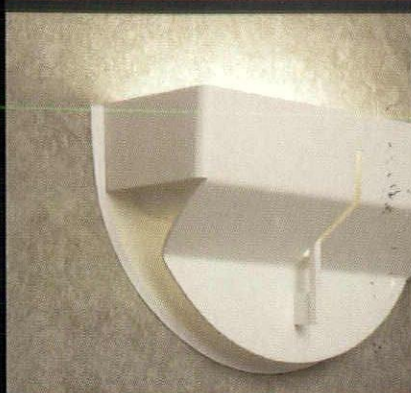
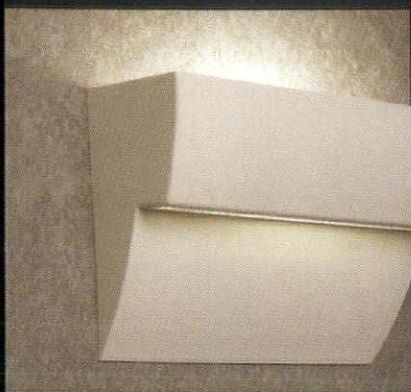
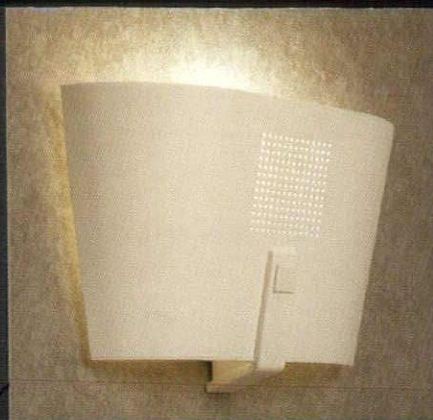
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